

TECHNICAL BULLETIN **TRAILER SUSPENSION SYSTEMS**

SUBJECT: Product Patent Information

LIT NO: T19002

DATE: August 2018

REVISION: K

The following articles are covered by one or more of the following U.S. and/or foreign patents. Updates are available at www.hendrickson-intl.com/patents.

COUNTRY ¹	PATENT NUMBER	HT™ SERIES	INTRAAX®	TRLAXLE®	UNDER BEAM LIFT™	TIREMAAX®	SLIDERS ²	HSDS™
AN	1919719		X	X			X	X
AT	2285601		X	X		X	X	X
AT	2346704					X		
AT	2598348					X		
AT	3168065					X		
AU	739422		X	X		X	X	X
AU	749562		X					
AU	750171		X	X			X	
AU	753627	X	X		X		X	X
AU	2002307353						X	
AU	2002320074		X	X		X	X	X
AU	2002360652	X	X					X
AU	2002361685	X	X		X		X	X
AU	2003243658		X	X			X	X
AU	2004220148		X	X		X	X	X
AU	2006220724		X	X				
AU	2006287899		X	X			X	X
AU	2006287900		X	X			X	X
AU	2006302001		X	X			X	
AU	2009246216		X	X		X	X	X
AU	2010253827		X	X			X	X
AU	2011205667							X
AU	2011224409		X				X	
AU	2011282541					X		
AU	2011283659					X		
AU	2011299113	X	X				X	X
AU	2011308673	X		X				X
AU	2011332044	X			X			X
AU	2012211177	X	X					X
AU	2012225283		X	X			X	X
AU	2012255801	X	X				X	X
AU	2012271602						X	
AU	2012296445					X		
AU	2013206447		X	X			X	X
AU	2013315117	X						X
AU	2013353462			X				X
AU	2014207386	X	X				X	

COUNTRY ¹	PATENT NUMBER	HT™ SERIES	INTRAAX®	TRLAXLE®	UNDER BEAM LIFT™	TIREMAAX®	SLIDERS ²	HSDS™
AU	2014207798	X	X				X	
AU	2014248339	X	X				X	X
AU	2014262296					X		
AU	2014287027			X			X	
AU	2014290117	X	X	X			X	X
AU	2014293224					X		
AU	2015276964					X		
BE	1202900	X	X		X		X	X
BE	1456044	X	X		X		X	X
BE	1466107	X	X					X
BE	1516132		X	X			X	X
BE	1599349		X	X		X	X	X
BE	1853438		X	X				
BE	1934496		X	X			X	
BR	PI 0012262-9	X	X		X		X	X
BR	PI 0207288-2						X	
BR	PI00122688		X	X			X	
BR	PI02143380	X	X		X		X	X
BR	PI02144980	X	X					X
BR	PI0311203-9		X	X			X	X
BR	PI0405231-5		X	X		X	X	X
BR	PI9914118-3		X	X		X	X	X
CA	2330874		X					
CA	2341505		X	X		X	X	X
CA	2351638					X		
CA	2379392	X	X		X		X	X
CA	2379517		X	X			X	
CA	2379612						X	
CA	2403497	X	X					X
CA	2437947		X	X		X	X	X
CA	2441770						X	
CA	2443827		X	X			X	X
CA	2467651	X	X		X		X	X
CA	2467792	X	X					X
CA	2468138	X	X				X	
CA	2485211		X	X		X	X	X
CA	2485219		X	X			X	X

COUNTRY ¹	PATENT NUMBER	HTM TM SERIES	INTRAAX [®]	TRLAXLE [®]	UNDER BEAM LIFT TM	TIREMAAX [®]	SLIDERS ²	HSDS TM
CA	2599515		X	X				
CA	2608899						X	
CA	2614629		X	X			X	X
CA	2614707		X	X			X	
CA	2614748		X	X			X	X
CA	2724001		X	X		X	X	X
CA	2763771		X	X			X	X
CA	2785756					X		
CA	2785811		X				X	
CA	2805057							X
CA	2805060					X		
CA	2811057	X	X				X	X
CA	2813033	X		X				X
CA	2817566	X			X			X
CA	2824450	X	X					X
CA	2829086		X	X			X	X
CA	2834406	X	X				X	X
CA	2835223						X	
CA	2836136						X	
CA	2844503					X		
CA	2856735						X	
CA	2862695						X	
CA	2863965						X	
CA	2884716	X						X
CA	2890746			X				X
CA	2897840	X	X				X	
CA	2914031			X			X	
CA	2914032	X	X	X			X	X
CA	2914035					X		
CN	104736359	X						X
CN	ZL200980117738.3		X	X		X	X	X
CN	ZL201080021948.5		X	X			X	X
CN	ZL201180006323.6							X
CN	ZL201180035566.2					X		
CN	ZL201180035659.5					X		
CN	ZL201180043221.1	X	X				X	X
CN	ZL201180047104.2	X		X				X
CN	ZL201180056007.X	X			X			X
CN	ZL201280006037.4	X	X					X
CN	ZL201280012760.3		X	X			X	X
CN	ZL201280023343.9	X	X				X	X
CN	ZL201280029057.3						X	
CN	ZL201280040028.7					X		
CN	ZL201480004845.6	X	X				X	X
CN	ZL201480004846.0	X	X				X	
CN	ZL201480019909.X	X	X				X	X
CN	ZL201480033698.5			X			X	
CN	ZL201610056771.1					X		
CZ	1516132		X	X			X	X
DE	1919718		X	X			X	X
DE	2598348					X		
DE	60003694.4	X	X		X		X	X
DE	60201750.5		X	X		X	X	X
DE	60233522.1	X	X		X		X	X
DE	60240032.5	X	X					X
DE	60328493		X	X			X	X
DE	602004042816.7		X	X		X	X	X
DE	602006010587.8		X	X			X	

COUNTRY ¹	PATENT NUMBER	HTM TM SERIES	INTRAAX [®]	TRLAXLE [®]	UNDER BEAM LIFT TM	TIREMAAX [®]	SLIDERS ²	HSDS TM
DE	602006023840.1		X	X				
DE	602006034929.7		X	X			X	X
DE	602009004572.5		X	X		X	X	X
DE	602009033712.2					X		
DE	602010027826.3		X	X			X	X
DE	602011036043.4					X		
DE	602011049156.3					X		
EG	8764036	X	X					X
EP	1077818		X					
EP	1202900	X	X		X		X	X
EP	1456044	X	X		X		X	X
EP	1466107	X	X					X
EP	1516132		X	X			X	X
EP	1599349		X	X		X	X	X
EP	1853438		X	X				
EP	1919718		X	X			X	X
EP	1934496		X	X			X	
EP	2285601		X	X		X	X	X
EP	2346704					X		
EP	2435257		X	X			X	X
EP	2598348					X		
EP	2617583		X	X			X	X
EP	3168065					X		
EP	EP1385707		X	X		X	X	X
ES	1599349		X	X		X	X	X
ES	2202157	X	X		X		X	X
ES	2285601		X	X		X	X	X
ES	2330629		X	X			X	X
ES	2331990	X	X		X		X	X
ES	2365167	X	X					X
ES	2371182		X	X				
ES	2380438		X	X		X	X	X
ES	ES2335532		X	X			X	
FR	1202900	X	X		X		X	X
FR	1456044	X	X		X		X	X
FR	1466107	X	X					X
FR	1516132		X	X			X	X
FR	1599349		X	X		X	X	X
FR	1853438		X	X				
FR	1934496		X	X			X	
FR	2346704					X		
FR	2435257		X	X			X	X
FR	2598348					X		
FR	2617583		X	X			X	X
FR	3168065					X		
GB	1202900	X	X		X		X	X
GB	1456044	X	X		X		X	X
GB	1466107	X	X					X
GB	1516132		X	X			X	X
GB	1599349		X	X		X	X	X
GB	1853438		X	X				
GB	1919718		X	X			X	X
GB	1934496		X	X			X	
GB	2285601		X	X		X	X	X
GB	2346704					X		
GB	2598348					X		
GB	2617583		X	X			X	X
GB	3168065					X		
GERM	602010017349.6		X	X			X	X



PRODUCT PATENT INFORMATION

COUNTRY ¹	PATENT NUMBER	HT™ SERIES	INTRAX®	TRLAXLE®	UNDER BEAM LIFT™	TIREMAAX®	SLIDERS ²	HSDS™
IE	1202900	X	X		X		X	X
IE	1456044	X	X		X		X	X
IE	1466107	X	X					X
IE	1599349		X	X		X	X	X
IE	1853438		X	X				
IE	1934496		X	X			X	
IN	295519		X	X			X	X
IT	1202900	X	X		X		X	X
IT	1456044	X	X		X		X	X
IT	1466107	X	X					X
IT	1516132		X	X			X	X
IT	1599349		X	X		X	X	X
IT	1853438		X	X				
IT	1934496		X	X			X	
JP	6284210			X				
KR	10-1645217			X				X
MX	223713		X	X		X	X	X
MX	227935		X					
MX	230787		X	X			X	
MX	230788						X	
MX	231160					X		
MX	234873	X	X					X
MX	241753	X	X		X		X	X
MX	243519		X	X		X	X	X
MX	246539	X	X		X		X	X
MX	246540	X	X				X	
MX	248384		X	X			X	X
MX	249802	X	X					X
MX	251415		X	X			X	X
MX	259900		X	X		X	X	X
MX	272249						X	
MX	275999						X	
MX	283871		X	X				
MX	286867		X	X			X	
MX	291417		X	X			X	X
MX	305663		X	X			X	X
MX	319123		X	X		X	X	X
MX	323813							X
MX	325710		X	X			X	X
MX	329915					X		
MX	330568					X		
MX	332797	X	X				X	X
MX	333335	X			X			X
MX	333407	X	X					X
MX	334435		X				X	
MX	335086		X	X			X	X
MX	335473					X		
MX	336249						X	
MX	337974						X	
MX	343767	X	X				X	X
MX	345637						X	
MX	345694						X	
MX	347206						X	
MX	353049					X		
NE	2435257		X	X			X	X
NETH	1919719		X	X			X	X
NL	1202900	X	X		X		X	X
NL	1456044	X	X		X		X	X
NL	1466107	X	X					X

COUNTRY ¹	PATENT NUMBER	HT™ SERIES	INTRAX®	TRLAXLE®	UNDER BEAM LIFT™	TIREMAAX®	SLIDERS ²	HSDS™
NL	1516132		X	X			X	X
NL	1599349		X	X		X	X	X
NL	1853438		X	X				
NL	1919718		X	X			X	X
NL	1934496		X	X			X	
NL	2285601		X	X		X	X	X
NL	2598348					X		
NL	2617583		X	X			X	X
NL	3168065					X		
NZ	510161		X	X		X	X	X
NZ	516215	X	X		X		X	X
NZ	516216		X	X			X	
NZ	527792		X	X		X	X	X
NZ	532681	X	X		X		X	X
NZ	533264	X	X					X
NZ	535511		X	X			X	X
NZ	536263		X	X		X	X	X
NZ	556567		X	X				
NZ	565729		X	X			X	X
NZ	565770		X	X			X	X
NZ	566437		X	X			X	
NZ	595447		X	X			X	X
NZ	600728							X
NZ	603710					X		
NZ	603711	X	X					X
NZ	606896	X	X				X	X
NZ	607271	X		X				X
NZ	611634	X	X					X
NZ	616958	X	X				X	X
NZ	617436						X	
NZ	620320					X		
NZ	701870					X		
NZ	708974	X	X				X	
NZ	712157	X	X				X	X
NZ	713847	X	X	X			X	X
NZ	723224			X				X
NZ	724714	X	X	X			X	X
SE	1202900	X	X		X		X	X
SE	1456044	X	X		X		X	X
SE	1466107	X	X					X
SE	1516132		X	X			X	X
SE	1599349		X	X		X	X	X
SE	1853438		X	X				
SE	1919718		X	X			X	X
SE	1934496		X	X			X	
SE	2285601		X	X		X	X	X
SE	2346704					X		
SE	2617583		X	X			X	X
SE	3168065					X		
SPAI	1919719		X	X			X	X
SWED	1919719		X	X			X	X
TR	1599349		X	X		X	X	X
TR	1919718		X	X			X	X
TR	3168065					X		
TR	TR200403484T4		X	X		X	X	X
TR	TR200907021T4		X	X			X	X
TR	TR200908537	X	X		X		X	X
TR	TR201000853T4		X	X			X	
TR	TR201107585T4	X	X					X

COUNTRY ¹	PATENT NUMBER	HT™ SERIES	INTRAAX®	TRLAXLE®	UNDER BEAM LIFT™	TIREMAAX®	SLIDERS ²	HSDS™
TR	TR201110696T4		X	X				
TR	TR201203334T4		X	X		X	X	X
TR	TR201312038T4		X	X		X	X	X
TR	TR201515402T4					X		
TURK	1919719		X	X			X	X
UK	1919719		X	X			X	X
UK	2435257		X	X			X	X
US	6024417		X	X		X	X	X
US	6240806		X	X			X	
US	6244608						X	
US	6412789	X	X				X	
US	6416069	X	X		X		X	X
US	6439587	X	X					X
US	6725743		X	X		X	X	X
US	6752406						X	
US	6845989	X	X		X		X	X
US	6926122		X	X			X	X
US	7207583	X	X					X
US	7273082		X	X		X	X	X
US	7401490		X	X				
US	7503414						X	
US	7506940		X	X			X	X
US	7537224		X	X			X	
US	7559521		X	X			X	X
US	7731300		X	X			X	X
US	8016531		X	X			X	X
US	8235422	X	X					X
US	8292313							X
US	8419029		X				X	
US	8459666	X			X			X
US	8496259						X	
US	8505600		X	X		X	X	X
US	8523191						X	
US	8528611					X		
US	8534770		X	X			X	X
US	8540222	X	X				X	X
US	8695998				X		X	
US	8764038	X						X
US	8800728		X	X			X	X
US	8801013						X	
US	8844955			X				X
US	8844956	X	X				X	
US	8851492	X	X				X	
US	8870198				X		X	
US	8925574					X		
US	8973633					X		
US	9108683						X	
US	9132704					X		
US	9157529	X	X				X	X
US	9327571			X			X	
US	9327766						X	

COUNTRY ¹	PATENT NUMBER	HT™ SERIES	INTRAAX®	TRLAXLE®	UNDER BEAM LIFT™	TIREMAAX®	SLIDERS ²	HSDS™
US	9428233				X		X	
US	9434216					X		
US	9506515	X	X	X			X	X
US	9637189				X		X	
US	9738131	X	X				X	X
US	9827820	X	X					X
US	9849745	X	X				X	X
US	9879738	X	X	X			X	X
US	9890825	X	X	X			X	X
US	9933029			X				
US	9933337		X	X		X	X	X
US	6,213,507 B1		X					
US	6,279,933 B1					X		
WE	2435257		X	X			X	X
ZA	2012/04448							X
ZA	2013/01251	X		X				X
ZA	2016/07147			X				

Call Hendrickson at **866.RIDEAIR (743.3247)** for additional information.



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