```
function [ idxStart, idxStop ] = getPassbyTrimRegion( fileName, filePath, thresholdPercent, triggerChannel )

% Get Trigger Data at 44.1 kHz
[triggerData, fs] = wavread( [  filePath fileName ] ) ;
triggerData = triggerData( : , triggerChannel );
if fs ~= 44100 % Resample if needed
    triggerData = resample( triggerData, 44100, fs );
    fs = 44100;
end

% Find Start and Stop indeces based on TriggerThreshold column of the triggerDataList
%(comes from handles.data)
triggerDataScaledTo100 = ( triggerData / max( triggerData ) ) * 100;
idxTriggerOn = find( triggerDataScaledTo100 > thresholdPercent );

idxStart = idxTriggerOn( 1 );

dIdx = diff( idxTriggerOn );

idxBreak = idxStart + find( ( dIdx / fs ) > 0.2, 1 ); % Find were there is a breatk in the trigger for longer than 0.2 seconds

idxStop = find( triggerDataScaledTo100( idxBreak : end ) > thresholdPercent, 1 );

idxStop = idxStop + idxBreak - 1;

% Exception Handling
if isempty( idxStart )
    idxStart = 1;
end

if idxStart < 1
    idxStart = 1;
end

if isempty( idxStop )
    idxStart = 1;
end

if idxStop > length( triggerData )
    idxStop = length( triggerData );
end
```