

Title (en)  
FILM FOR STRETCH-WRAP PACKAGING

Title (de)  
FOLIE FÜR STRETCHVERPACKUNGEN

Title (fr)  
FILM POUR EMBALLAGE ÉTIRABLE

Publication  
**EP 3768769 A1 20210127 (EN)**

Application  
**EP 19709064 A 20190312**

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Abstract (en)  
[origin: WO2019179827A1] The present invention relates to a film comprising linear low-density polyethylene (LLDPE), wherein the film demonstrates a stress-strain relationship such that in the whole region of strain of 100-300% the derivative of the stress-strain curve  $d\sigma/d\varepsilon$  is  $> 5.0$  kPa/%, stress and strain being determined in accordance with ISO 527-3 (1995). Such film demonstrates an improvement in the slow penetration puncture resistance, and allows for use of the film in stretch-wrap applications with improved stability, thereby providing a significant benefit for the transportation industry, for example in being able to more stable and safe stack items onto pallets.

IPC 8 full level  
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Citation (search report)  
See references of WO 2019179827A1

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