

Title (en)  
HEAT SEALABLE FILM

Title (de)  
HEISSIEGELBARER FILM

Title (fr)  
FILM THERMOSOUDABLE

Publication  
**EP 0828608 A4 19980610 (EN)**

Application  
**EP 96910486 A 19960321**

Priority  
• US 9603782 W 19960321  
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Abstract (en)  
[origin: WO9638300A1] A heat sealable thermoplastic film is coated on at least one side with an acrylonitrile-containing coating containing from at least about 25 wt.% acrylonitrile. More specifically the film is coated on a first side with a polymeric coating comprising (i) from about 25 about 85 wt.% of a nitrile such as acrylonitrile, (ii) from about 40 to about 75 wt.% of a monomer selected from the group consisting of an alkyl acrylate or 1,3-butadiene, and (iii) from about 1 to about 10 wt.% of a monomer selected from the group consisting of an ethylenically unsaturated carboxylic acid or sulfoethyl methacrylate, the coating having a calculated glass transition temperature (T<sub>g</sub>) of at least about 10 DEG C. In one embodiment, the second side of the film is coated with an acrylic coating composition which is the same or different. In another embodiment, the second side of the film is metallized. The coating on the first side is heat sealable to itself or to the acrylic coating on the second side. In one specific embodiment of the invention, the coating includes a spherical particulate, such as a cross-linked polymonoalkyl siloxane, silica and/or talc.

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Citation (search report)  
• [X] WO 9509876 A1 19950413 - BASF LACKE & FARBEN [DE], et al  
• [A] GB 975179 A 19641111 - ICI LTD  
• [A] DATABASE WPI Section Ch Week 8213, Derwent World Patents Index; Class A18, AN 82-25485E, XP002061720  
• [A] PATENT ABSTRACTS OF JAPAN vol. 095, no. 004 31 May 1995 (1995-05-31)  
• See references of WO 9638300A1

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