

Title (en)

PROCESS FOR THE MANUFACTURE OF A HEAT-SHRINKABLE, POLYETHYLENE MONO-LAYER FILM

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER WÄRMSCHRUMPFBAREN, EINSCHICHTIGEN POLYETHYLENFOLIE

Title (fr)

PROCEDE POUR LA FABRICATION D'UNE PELLICULE DE POLYETHYLENE, MONOCOUCHE, THERMORETRACTABLE

Publication

**EP 1144178 A1 20011017 (EN)**

Application

**EP 00900215 A 20000111**

Priority

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- EP 0000127 W 20000111
- EP 99100787 A 19990118

Abstract (en)

[origin: WO0041872A1] A process of manufacturing a heat-shrinkable polyethylene mono-layer film with a thickness variation of less than 20 %, preferably less than 18 % and even more preferably less than 15 %, which process comprises extrusion of the film resin through a flat die, quenching of the cast extruded sheet, irradiation thereof, re-heating to the suitably selected orientation temperature and stretching of the irradiated sheet. Preferably the polyethylene comprises an ethylene-  $\alpha$  -olefin copolymer. The heat-shrinkable polyethylene mono-layer irradiated film with a thickness variation of less than 20 %, preferably less than 18 % and even more preferably less than 15 % is also claimed.

IPC 1-7

**B29C 55/12**

IPC 8 full level

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See references of WO 0041872A1

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