

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 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- α -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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