

Title (en)

Process for preparing a fibril-reinforced polyolefin film and olefin polymer film so prepared.

Title (de)

Verfahren zur Herstellung eines mit Fibrillen verstärkten Polyolefin-Films und der so erhaltene Polyolefin-Film.

Title (fr)

Procédé de préparation d'un film de polyoléfine renforcé par des fibrilles et film de polyoléfine ainsi obtenu.

Publication

**EP 0009300 A1 19800402 (EN)**

Application

**EP 79301268 A 19790629**

Priority

US 94303678 A 19780918

Abstract (en)

A fibril reinforced olefin polymer is made of a web of randomly-dispersed olefin polymer fibrils which are heated under an applied pressure to form a fused polymer film having a small percentage of unmelted fibrils therein. The film has a higher tensile strength than a solvent cast film prepared from the same olefin polymer.

IPC 1-7

**D21H 5/20**; **C08J 5/18**

IPC 8 full level

**B29C 43/00** (2006.01); **B29C 43/22** (2006.01); **B29C 57/00** (2006.01); **B29C 61/00** (2006.01); **B29D 7/00** (2006.01); **B29D 7/01** (2006.01); **C08J 5/18** (2006.01)

CPC (source: EP)

**D21H 5/202** (2013.01); **D21H 13/14** (2013.01)

Citation (search report)

- FR 2128750 A1 19721020 - CROWN ZELLERBACH CORP
- FR 2173928 A1 19731012 - GULF RESEARCH DEVELOPMENT CO [US]
- FR 2265806 A1 19751024 - MONTEDISON SPA [IT]

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0009300 A1 19800402**; JP S5542898 A 19800326

DOCDB simple family (application)

**EP 79301268 A 19790629**; JP 11889879 A 19790918