

Title (en)

POLYMER FILM WITH A HELICAL MOLECULAR STRUCTURE

Title (de)

POLYMERFILM MIT HELIKALER MOLEKULARSTRUKTUR

Title (fr)

FILM POLYMERIQUE A STRUCTURE MOLECULAIRE HELICOIDALE

Publication

**EP 1629309 A1 20060301 (DE)**

Application

**EP 04723197 A 20040325**

Priority

- EP 2004003174 W 20040325
- DE 10325610 A 20030605

Abstract (en)

[origin: WO2004109348A1] The invention relates to a polymer film with adjustable gradients of the pitch of a helical molecular structure and to a method for the production and use thereof.

IPC 1-7

**G02B 5/30**

IPC 8 full level

**G02B 5/30** (2006.01)

CPC (source: EP KR US)

**G02B 5/30** (2013.01 - KR); **G02B 5/3016** (2013.01 - EP US); **C09K 2323/00** (2020.08 - EP US); **C09K 2323/03** (2020.08 - EP US); **C09K 2323/031** (2020.08 - EP US)

Citation (search report)

See references of WO 2004109348A1

Citation (examination)

- EP 0860716 A2 19980826 - SHARP KK [JP]
- US 2003038918 A1 20030227 - KASHIMA KEIJI [JP], et al

Designated contracting state (EPC)

DE GB NL

DOCDB simple family (publication)

**WO 2004109348 A1 20041216; WO 2004109348 B1 20050224**; CN 100526921 C 20090812; CN 1798991 A 20060705; DE 10325610 A1 20041230; EP 1629309 A1 20060301; JP 2006526797 A 20061124; JP 4567671 B2 20101020; KR 100757824 B1 20070911; KR 20060014439 A 20060215; TW 200500660 A 20050101; TW I361911 B 20120411; US 2006083866 A1 20060420; US 7311952 B2 20071225

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**EP 2004003174 W 20040325**; CN 200480015524 A 20040325; DE 10325610 A 20030605; EP 04723197 A 20040325; JP 2006508142 A 20040325; KR 20057023370 A 20051205; TW 93116154 A 20040604; US 29334405 A 20051202