

Title (en)
OPAQUE FILMS COMPRISING ISOTACTIC POLYPROPYLENE

Title (de)
OPAKER FILM MIT ISOTAKTISCHEN POLYPROPYLEN

Title (fr)
FILMS OPAQUES COMPORTANT DU POLYPROPYLENE ISOTACTIQUE

Publication
EP 0914245 A4 20010912 (EN)

Application
EP 97936197 A 19970723

Priority

- US 9712995 W 19970723
- US 69062096 A 19960731

Abstract (en)
[origin: WO9804403A1] An opaque polymeric film having enhanced moisture barrier and mechanical properties. The film has a base layer which includes a blend of a high crystallinity polypropylene having an isotactic stereoregularity greater than 93 % and a cavitating agent in an amount effective to cavitate the base layer.

IPC 1-7
B32B 5/18; **B32B 27/32**; **B32B 27/20**

IPC 8 full level
B32B 5/18 (2006.01); **B32B 27/32** (2006.01); **C08J 5/18** (2006.01); **C08J 9/00** (2006.01); **C08L 23/12** (2006.01); **C08L 67/00** (2006.01); **C08L 77/00** (2006.01)

CPC (source: EP KR US)
B32B 5/18 (2013.01 - KR); **B32B 7/12** (2013.01 - US); **B32B 27/08** (2013.01 - US); **B32B 27/205** (2013.01 - US); **B32B 27/32** (2013.01 - EP US); **C08J 5/18** (2013.01 - EP); **C08L 23/12** (2013.01 - EP); **B32B 2270/00** (2013.01 - US); **B32B 2307/41** (2013.01 - US); **B32B 2307/7265** (2013.01 - US); **B32B 2323/10** (2013.01 - US); **B32B 2439/70** (2013.01 - US); **C08J 2323/12** (2013.01 - EP); **C08L 67/00** (2013.01 - EP); **C08L 77/00** (2013.01 - EP)

Citation (search report)

- [Y] WO 9414606 A1 19940707 - MOBIL OIL CORP [US]
- [Y] US 5500282 A 19960319 - HEFFELFINGER MICHAEL T [US], et al
- [Y] US 5441807 A 19950815 - BRANDT RAINER [DE], et al
- [Y] US 4944990 A 19900731 - LIU LELAND L [US], et al
- [Y] US 5231126 A 19930727 - SHI GUAN-YI [CN], et al
- [Y] EP 0221690 A2 19870513 - MOBIL OIL CORP [US]
- [E] WO 9802305 A1 19980122 - MOBIL OIL CORP [US]
- [E] EP 0826728 A2 19980304 - BASF AG [DE]
- [PXPA] WO 9633864 A1 19961031 - MOBIL OIL CORP [US]
- [E] WO 9838041 A1 19980903 - MOBIL OIL CORP [US]
- [Y] DATABASE WPI Section Ch Week 197420, Derwent World Patents Index; Class A17, AN 1974-37149V, XP002167290
- See references of WO 9804403A1

Designated contracting state (EPC)
BE DE ES FR GB IT NL

DOCDB simple family (publication)
WO 9804403 A1 19980205; AR 008138 A1 19991209; AU 3892997 A 19980220; AU 712306 B2 19991104; BR 9710775 A 20020305; CA 2262081 A1 19980205; CA 2262081 C 20060103; CN 1226854 A 19990825; EP 0914245 A1 19990512; EP 0914245 A4 20010912; ID 17972 A 19980212; JP 2001525737 A 20011211; KR 20000029693 A 20000525; TW 339312 B 19980901

DOCDB simple family (application)
US 9712995 W 19970723; AR P970103485 A 19970731; AU 3892997 A 19970723; BR 9710775 A 19970723; CA 2262081 A 19970723; CN 97196866 A 19970723; EP 97936197 A 19970723; ID 972676 A 19970731; JP 50897898 A 19970723; KR 19997000772 A 19990129; TW 86110950 A 19970821