Title (en)
   PROPYLENE/ALPHA-OLEFINS BLOCK INTERPOLYMERS

Title (de)
   PROPYLEN-/ALPHA-OLEFIN-BLOCKINTERPOLYMERE

Title (fr)
   INTERPOLYMERES BLOCS DE PROPYLENE/ALPHA-OLEFINES

Publication
   EP 2001916 A1 20081217 (EN)

Application
   EP 07758577 A 20070315

Priority
   • US 2007064036 W 20070315
   • US 78274606 P 20060315

Abstract (en)
   [origin: WO2007106881A1] Embodiments of the invention provide a class of propylene/a-olefin block interpolymers. The propylene/a-olefin
   interpolymers are characterized by an average block index, ABI, which is greater than zero and up to about 1.0 and a molecular weight distribution,
   M_w/M_n, greater than about 1.3. Preferably, the block index is from about 0.2 to about 1. In addition or alternatively,
   the block propylene/a-olefin interpolymer is characterized by having at least one fraction obtained by Temperature Rising Elution Fractionation
   ("TREF"), wherein the fraction has a block index greater than about 0.3 and up to about 1.0 and the propylene/a-olefin interpolymer has a molecular
   weight distribution, M_w/M_n, greater than about 1.3.

IPC 8 full level
   C08F 2/38 (2006.01); **C08F 4/659** (2006.01); **C08F 210/06** (2006.01); **C08F 297/08** (2006.01)

CPC (source: EP KR)
   C08F 2/38 (2013.01 - KR); **C08F 4/659** (2013.01 - KR); **C08F 210/06** (2013.01 - EP KR); **C08F 297/08** (2013.01 - EP KR);
   C08F 297/083 (2013.01 - EP)

Citation (search report)
   See references of WO 2007106881A1

Designated contracting state (EPC)
   AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
   WO 2007106881 A1 20070920; AR 060034 A1 20080521; AU 2007226554 A1 20070920; BR 122018075054 B1 20190820;
   BR PI0709319 A2 20110712; BR PI0709319 B1 20190319; CA 2644907 A1 20070920; CN 101405311 A 20090408; CN 101405311 B 20120509;
   EP 2001916 A1 20081217; JP 2009530446 A 20090827; KR 101386349 B1 20140416; KR 20080111472 A 20081223;
   MX 2008011718 A 20081125; RU 2008140737 A 20100420; SG 170126 A1 20110429; TW 200738759 A 20071016; ZA 200807716 B 20100127

DOCDB simple family (application)
   US 2007064036 W 20070315; AR P070101060 A 20070315; AU 2007226554 A 20070315; BR 122018075054 A 20070315;
   BR PI0709319 A 20070315; CA 2644907 A 20070315; CN 200780008951 A 20070315; EP 07758577 A 20070315; JP 2009500602 A 20070315;
   KR 20087025020 A 20070315; MX 2008011718 A 20070315; RU 2008140737 A 20070315; SG 2011018553 A 20070315;
   TW 96108908 A 20070315; ZA 200807716 A 20070315