

Title (en)  
COMPOSITION BASED UPON A POLYAMIDE THAT IS AMORPHOUS AND TRANSPARENT OR HAS VERY LOW CRYSTALLINITY, AND UPON A COPOLYAMIDE WITH ETHER AND AMIDE UNITS

Title (de)  
ZUSAMMENSETZUNG AUF POLYAMID-BASIS, DAS AMORPH UND TRANSPARENT IST UND EINE GERINGE KRISTALLINITÄT AUFWEIST, UND AUF COPOLYAMID-BASIS MIT ETHER- UND AMIDEINHEITEN

Title (fr)  
COMPOSITION À BASE DE POLYAMIDE TRANSPARENT AMORPHE OU DE TRÈS FAIBLE CRISTALLINITE, ET DE COPOLYAMIDE À MOTIFS ÉTHERS ET À MOTIFS AMIDES

Publication  
**EP 2027212 A2 20090225 (FR)**

Application  
**EP 07823510 A 20070608**

Priority  
• FR 2007051394 W 20070608  
• FR 0605285 A 20060614  
• US 83801006 P 20060816

Abstract (en)  
[origin: FR2902435A1] Composition comprises transparent homo-/copolyamide (I) at 60-99 wt.% and/or an amide-ether based copolymer at 1-40 wt.%. (I) is amorphous or has a crystalline form with an enthalpy of fusion during the second heat of a differential scanning calorimeter of an International Organization for Standardization is 30 J/g. (I) has a glass transition temperature (T<sub>g</sub>) of 75[deg]C. (I) comprises cycloaliphatic and/or aromatic units. Independent claims are included for: (1) a process of preparing the composition comprising optionally mixing the amide-ether based polymer with additives in an extruder to form a composition in pellet form, and mixing the obtained mixture with (I); and (2) a shaped article, preferably transparent or translucent article like a fiber, tissue, film, sheet, rod, tube or injected part made up of the composition.

IPC 8 full level  
**C08L 77/00** (2006.01); **C08L 77/06** (2006.01)

CPC (source: EP US)  
**C08L 77/00** (2013.01 - EP US); **C08L 77/06** (2013.01 - EP US); **C08L 77/02** (2013.01 - EP US); **C08L 77/12** (2013.01 - EP US); **C08L 2203/02** (2013.01 - EP US); **C08L 2205/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008006991A2

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

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**FR 2902435 A1 20071221; FR 2902435 B1 20111014**; CN 101501138 A 20090805; CN 101501138 B 20120314; EP 2027212 A2 20090225; JP 2009540087 A 20091119; US 2010140846 A1 20100610; WO 2008006991 A2 20080117; WO 2008006991 A3 20080320

DOCDB simple family (application)  
**FR 0605285 A 20060614**; CN 200780029906 A 20070608; EP 07823510 A 20070608; FR 2007051394 W 20070608; JP 2009514856 A 20070608; US 30416707 A 20070608