

Title (en)
HIGHLY ACTIVE BETA-NUCLEATING ADDITIVE FOR POLYPROPYLENE

Title (de)
HOCHAKTIVES BETA-NUKLEIERUNGSADDITIV FÜR POLYPROPYLEN

Title (fr)
ADDITIF DE NUCLEATION BETA HAUTEMENT ACTIF POUR POLYPROPYLENE

Publication
EP 1511797 A2 20050309 (DE)

Application
EP 03732345 A 20030512

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• EP 0304931 W 20030512

Abstract (en)
[origin: WO03094832A2] The invention relates to a method for enhancing the fraction of ss-crystal modification in polypropylene by compounding nanocrystalline substances. A ss-fraction of 50-100 % is achieved with said method. The compounds are characterized by improved mechanical properties. The nanocrystalline powders can be directly compounded and compatibilized with surface-active substances in the PP matrix for better dispersion.

IPC 1-7
C08K 3/22; C08L 23/12; B29B 7/90; C08J 3/20

IPC 8 full level
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CPC (source: EP US)
B29B 7/90 (2013.01 - EP US); **B82Y 30/00** (2013.01 - EP US); **C08J 3/201** (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08J 2323/12** (2013.01 - EP US); **C08K 2003/2268** (2013.01 - EP US); **C08K 2003/2272** (2013.01 - EP US); **C08K 2003/2275** (2013.01 - EP US); **C08K 2201/011** (2013.01 - EP US)

C-Set (source: EP US)
C08K 3/22 + **C08L 23/12**

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
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