

Title (en)

Alpha-olefin and alpha-olefin-cellulose granulates as disintegrants

Title (de)

Alpha Olefin- und Alpha Olefin-Cellulose Granulate als Sprengmittel

Title (fr)

Granules d'alpha-oléfine et alpha-oléfine-celluloses, comme désintégrants

Publication

**EP 1491621 B1 20060906 (DE)**

Application

**EP 03014785 A 20030628**

Priority

EP 03014785 A 20030628

Abstract (en)

[origin: EP1491621A1] A phosphate-containing or -free 1-3-phase dishwasher machine cleaning tablet has, in addition to the usual ingredients, a disintegrating agent comprising a granulate containing a polymer including olefin monomer units.

IPC 8 full level

**C11D 17/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

**C11D 3/3749** (2013.01); **C11D 3/3761** (2013.01); **C11D 17/0078** (2013.01); **C11D 17/0091** (2013.01)

Cited by

US8888924B2; WO2014031743A1; US10889783B2; US11932830B2; US10851331B2; US11427792B2; US11905493B2; EP2358855B1; EP3114197B1

Designated contracting state (EPC)

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)

**EP 1491621 A1 20041229**; **EP 1491621 B1 20060906**; **EP 1491621 B2 20141001**; AT E338809 T1 20060915; DE 50304955 D1 20061019; ES 2272854 T3 20070501; ES 2272854 T5 20141210

DOCDB simple family (application)

**EP 03014785 A 20030628**; AT 03014785 T 20030628; DE 50304955 T 20030628; ES 03014785 T 20030628