

Title (en)
AGGLOMERATES CONTAINING LAYERED MINERALS AND NONIONIC SURFACTANTS

Title (de)
SCHICHTMINERALHALTIGE AGGLOMERATE MIT NICHTIONISCHEN TENSIDEN

Title (fr)
AGGLOMERES CONTENANT DU MINERAL EN FEUILLETS ET DES TENSIOACTIFS NON IONIQUES

Publication
EP 1257628 B1 20050126 (DE)

Application
EP 01919340 A 20010223

Priority
• DE 10008815 A 20000225
• EP 0102116 W 20010223

Abstract (en)
[origin: WO0162883A1] The invention relates to agglomerates containing layered silicate, with non-ionic tensides, for use as a detergent additive. The agglomerates contain at least one natural or synthetic layered silicate chosen from the group of clays containing montmorillonite, especially betonite, and attapulgite, hectorite and/or beidellite, the quantity thereof being more than 10 wt. % in relation to the total quantity of support materials; at least one precipitated silicic acid, the quantity thereof being at least 12 wt. %, and at least one non-ionic tenside, the quantity thereof being more than 50 wt. %. No compaction or extrusion takes place during the production of the agglomerates.

IPC 1-7
C11D 3/12; **C11D 1/66**; **C11D 11/00**

IPC 8 full level
C11D 1/66 (2006.01); **C11D 1/74** (2006.01); **C11D 3/12** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 1/66 (2013.01); **C11D 1/74** (2013.01); **C11D 3/124** (2013.01); **C11D 3/126** (2013.01); **C11D 17/0034** (2013.01); **C11D 17/0086** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0162883 A1 20010830; AT E287942 T1 20050215; AU 4647301 A 20010903; DE 10008815 A1 20010830; DE 50105195 D1 20050303; EP 1257628 A1 20021120; EP 1257628 B1 20050126; ES 2232608 T3 20050601

DOCDB simple family (application)
EP 0102116 W 20010223; AT 01919340 T 20010223; AU 4647301 A 20010223; DE 10008815 A 20000225; DE 50105195 T 20010223; EP 01919340 A 20010223; ES 01919340 T 20010223