

Title (en)
DETERGENTS CONTAINING GRANULAR, AGGLOMERATED SODIUM METASILICATE, PROCESS FOR THEIR PREPARATION AND THEIR USE

Publication
EP 0249163 B1 19910327 (DE)

Application
EP 87108161 A 19870605

Priority
DE 3620009 A 19860613

Abstract (en)
[origin: EP0249163A2] Flowable granules which contain sodium metasilicate and zeolite-NaA are prepared in such a manner that essentially anhydrous, finely- granular sodium metasilicate is moistened with an aqueous, flowable suspension of the finely-crystalline zeolite, the mixture is granulated with intensive mixing and, if necessary, the product is after-dried to remove surface moisture or powdered with dry, finely- crystalline zeolite.

IPC 1-7
C11D 3/08; C11D 3/12

IPC 8 full level
C11D 3/08 (2006.01); **C11D 3/12** (2006.01)

CPC (source: EP)
C11D 3/08 (2013.01); **C11D 3/128** (2013.01)

Cited by
EP0452016A3; US5814289A; WO9529219A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 0249163 A2 19871216; EP 0249163 A3 19880817; EP 0249163 B1 19910327; DE 3620009 A1 19871217; DE 3768862 D1 19910502

DOCDB simple family (application)
EP 87108161 A 19870605; DE 3620009 A 19860613; DE 3768862 T 19870605