

Title (en)

GRANULE OF ALKALI METAL ALUMINIUM SILICATE AND PENTASODIUM TRIPOLYPHOSPHATE, AND PROCESS FOR ITS PREPARATION

Publication

EP 0061599 B1 19850213 (DE)

Application

EP 82101655 A 19820304

Priority

DE 3111236 A 19810321

Abstract (en)

[origin: US4386024A] The disclosure relates to a granulate with a particle size essentially of about 0.2 to 2 mm consisting of (a) about 2 to 95 weight % of a partially or completely hydrated pentasodium tripolyphosphate, (b) less than 3 weight % of an ammonium polyphosphate and the balance (c) being in the form of a water-insoluble aluminum silicate ion exchanging material. The granulate can be used in detergents.

IPC 1-7

C11D 3/12; C11D 3/06

IPC 8 full level

C11D 3/06 (2006.01); **C11D 3/12** (2006.01)

CPC (source: EP US)

C11D 3/06 (2013.01 - EP US); **C11D 3/128** (2013.01 - EP US)

Cited by

EP0088267A1; DE4009082A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0061599 A1 19821006; EP 0061599 B1 19850213; EP 0061599 B2 19880706; AT E11792 T1 19850215; CA 1161416 A 19840131; DE 3111236 A1 19820930; DE 3262256 D1 19850328; US 4386024 A 19830531

DOCDB simple family (application)

EP 82101655 A 19820304; AT 82101655 T 19820304; CA 398044 A 19820310; DE 3111236 A 19810321; DE 3262256 T 19820304; US 35838882 A 19820315