

Title (en)
DISH CLEANING AGENT

Publication
EP 0171007 A3 19890503 (DE)

Application
EP 85109465 A 19850727

Priority
DE 3428834 A 19840804

Abstract (en)
[origin: US4692260A] Dishwashing composition for the machine washing of crockery at around 40 DEG C. which contain, in addition to polymeric alkali phosphates (di-, triphosphates), water-soluble complexing zeolites of the NaA or NaX type or organic complexing agents for calcium, alkali metasilicate, sodium carbonate, sodium hydrogen carbonate, waterglass, active oxygen donors and a low-foaming nonionic surfactant from the group of alkylene oxide adducts with C12-C18 alkanols, nonylphenol or with polypropylene glycols having a molecular weight of from 900 to 4000, (1) form about 0.1 to 5% by weight of a hydrolase enzyme (amylases, proteases, lipases) and, (2) as cleansing boosters, from about 0.1 to 10% by weight of C8-C10 primary, straight-chain or branched-chain alkanols which may optionally be propoxylated with from 1 to 2 moles of propylene oxide.

IPC 1-7
C11D 3/386; **C11D 3/20**; **C11D 3/06**

IPC 8 full level
C11D 3/06 (2006.01); **C11D 3/20** (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP US)
C11D 3/38609 (2013.01 - EP US); **C11D 3/38627** (2013.01 - EP US)

Citation (search report)
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