

Title (en)
LAUNDERING AGENT

Publication
EP 0154380 A3 19860122 (EN)

Application
EP 85200301 A 19850301

Priority
NL 8400706 A 19840305

Abstract (en)
[origin: EP0154380A2] A laundering agent is provided which contains active detergent, builders, a combination of polyphosphate with zeolite as sequestering agent and, if desired, further usual additives, wherein the sequestering effect of the polyphosphate-zeolite combination is enhanced by an ethercarboxylic acid of the formula $RO-(C_2H_4O)_x-CH_2COOM$ or $R-CO-NH-(C_2H_4O)_x-CH_2COOM$, wherein R is the residue of an aliphatic or alkyl aromatic hydrocarbon having at least 8 carbon atoms, x is a number having an average value of 0.5-20 and M is hydrogen or a cation permissible in laundering agents, said polyether carboxylic acid being present in an amount of 0.3-10%, preferably 0.3-5%, based on the entire composition.

IPC 1-7
C11D 1/06; **C11D 3/12**; **C11D 3/06**

IPC 8 full level
C11D 1/06 (2006.01); **C11D 3/06** (2006.01); **C11D 3/12** (2006.01)

CPC (source: EP)
C11D 1/06 (2013.01); **C11D 3/06** (2013.01); **C11D 3/128** (2013.01)

Citation (search report)
• [A] US 3741911 A 19730626 - SHANE H
• [AD] US 3819538 A 19740625 - LITTLE J, et al
• [A] DE 2015435 A1 19701008

Cited by
WO2017055205A1; US5230823A; US5378409A; US5376310A; US4865757A; US5098596A; CN108138083A; US4783282A; US6028048A; EP0236984A3; CN107208472A; WO2018060139A1; WO2017055254A1; EP3294852B1

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