

Title (en)
CLEANING AND WASHING COMPOSITION

Publication
EP 0356974 B1 19930811 (DE)

Application
EP 89115874 A 19890829

Priority
DE 3829847 A 19880902

Abstract (en)
[origin: EP0356974A2] Cleaning and washing compositions for aqueous uses which contain as hardness remover 2 to 25% by weight, based on the total weight of the compositions, of beta -alanine-N,N-diacetic acid or the alkali metal or ammonium salts thereof.

IPC 1-7
C11D 3/00; **C11D 3/33**

IPC 8 full level
C11D 3/30 (2006.01); **C11D 3/00** (2006.01); **C11D 3/33** (2006.01); **C11D 7/32** (2006.01)

CPC (source: EP KR US)
C11D 3/30 (2013.01 - KR); **C11D 3/33** (2013.01 - EP US)

Cited by
EP0513948A3; EP0509382A3; EP0846753A1; WO9429420A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0356974 A2 19900307; **EP 0356974 A3 19900411**; **EP 0356974 B1 19930811**; AT E92952 T1 19930815; AU 4095689 A 19900308; AU 620640 B2 19920220; CA 1326427 C 19940125; DE 3829847 A1 19900315; DE 58905235 D1 19930916; ES 2042913 T3 19931216; JP H02163200 A 19900622; KR 900004924 A 19900413; KR 960015370 B1 19961111; US 4997587 A 19910305

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