

Title (en)
Phosphate-free liquid washing and cleaning composition.

Title (de)
Phosphatfreies, flüssiges Wasch- und Reinigungsmittel.

Title (fr)
Composition liquide détergente et nettoiyante exempte de phosphate.

Publication
EP 0407626 A1 19910116 (DE)

Application
EP 89112552 A 19890710

Priority
EP 89112552 A 19890710

Abstract (en)
The phosphate and chlorineless washing and cleaning agents contain 5 - 60 % wt. potassium carbonate, 1 - 40 % wt. alkaline silicate, 1 - 30 % wt. of an organic builder substance, 1 - 20 % wt. of a polymeric complex former, 30 - 80 % wt. water and 0 - 5 % wt. free alkaline hydroxide. The agents are usable anywhere, completely non-toxic and do not corrode metal surfaces like steel or aluminium.

Abstract (de)
Die phosphat- und chlorfreien Wasch- und Reinigungsmittel enthalten 5 - 60 Gew.-% Kaliumcarbonat, 1 - 40 Gew.-% Alkalisilikat, 1 - 30 Gew.-% einer organischen Buildersubstanz, 1 - 20 Gew.-% eines polymeren Komplexbildners, 30 - 80 Gew.-% Wasser und 0 - 5 Gew.-% freies Alkalihydroxid. Die Mittel sind universell verwendbar, toxisch unbedenklich und zeigen keine korrodierende Wirkung gegenüber Metalloberflächen wie Stahl oder Aluminium.

IPC 1-7
C11D 3/08; **C11D 3/10**; **C11D 3/37**; **C23G 1/22**

IPC 8 full level
C11D 3/08 (2006.01); **C11D 3/10** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)
C11D 3/08 (2013.01); **C11D 3/10** (2013.01); **C11D 3/3765** (2013.01)

Citation (search report)

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