

Title (en)  
Cleaning composition.

Title (de)  
Reinigungsmittelzusammensetzung.

Title (fr)  
Composition de nettoyage.

Publication  
**EP 0050015 A2 19820421 (EN)**

Application  
**EP 81304693 A 19811009**

Priority  
• JP 1217081 A 19810129  
• JP 14318080 A 19801014

Abstract (en)  
A washing compound comprises a surface-active agent and a builder as basic components, and at least one specific compound selected from dithionite, a compound having a sulfinio group or a salt thereof, a compound having a thiol radical, a hydrazine compound, diketones, dihydroxyphenols and derivatives of sugars in admixture with the basic components, and furthermore, the group of the specific compounds may be in admixture with sugars, gallic acid, trimellitic anhydride or the like; whereby a strong washing effect is attained in a low temperature region (10 to 50 DEG C) in the absence of phosphate builders.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**C11D 3/0042** (2013.01); **C11D 3/2058** (2013.01); **C11D 3/2072** (2013.01); **C11D 3/221** (2013.01); **C11D 3/3472** (2013.01); **C11D 3/3427** (2013.01); **C11D 3/3445** (2013.01)

Cited by  
EP0615018A1; US6117833A; CN102296307A; US2014289974A1; US5882355A; US6059844A; US6140298A; EP0215637A3; WO9738074A1; WO2006133790A1; WO2004096966A1

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