Title (en)

Compound comprising a zink salt and a crystalline, layered silicate

Title (de)

Compound enthaltend ein Zinksalz und ein kristallines, schichtförmiges Silikat

Title (fr)

Composé comprenant un sel de zinc et silicate cristallin à structure en couches

Publication

EP 1657295 B1 20071219 (DE)

Application

EP 05027033 A 20030528

Priority

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- DE 10225116 A 20020606

Abstract (en)

[origin: WO03104370A1] The invention relates to an automatic dishwashing detergent or an automatic dishwashing auxiliary agent. Said agents contain at least one zinc salt, in addition to at least one crystalline multi-layer silicate of general formula (I) a A20 b BO c C203 d D205 x Si02 y H20 (I), in which A represents an alkali metal and/or hydrogen, B represents an earth alkaline metal and/or a subgroup element, preferably an element from the group zink, iron, manganese, C represents an element of the third main group of the periodic table and/or a subgroup element, preferably iron, and D represents an element of the fifth main group of the periodic table and/or a subgroup element and the following applies 0 </= a </= 1; 0 </= b </= 0.5; 0 </= c/x </= 0.05; 0 </= d/x </= 0.25; 1.9 </= x </= 22; 0 </= f </= 40. Said agents are characterised by significantly improved glass anti-corrosion properties.

IPC 8 full level

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CPC (source: EP)

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WO 03104370 A1 20031218; AT E381608 T1 20080115; AU 2003237704 A1 20031222; DE 10225116 A1 20031224; DE 50308871 D1 20080131; EP 1509589 A1 20050302; EP 1509589 B1 20141022; EP 1657295 A1 20060517; EP 1657295 B1 20071219; ES 2298919 T3 20080516; ES 2527542 T3 20150126; JP 2005534728 A 20051117

DOCDB simple family (application)

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