

Title (en)
Surface treatment composition containing sugar phosphonates

Title (de)
Oberflächenbehandlungsmittel enthaltend Zuckerphosphonate

Title (fr)
Composition de traitement de surface contenant des phosphonates de sucre

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Application
EP 08100759 A 20080122

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Abstract (en)

This invention discloses surface treatment, in particular cleaning, compositions containing, as a core ingredient combination, a binary active system comprising, expressed in relation to the sum (100 %) of the actives in said binary system a major level of surface active agent together with a lower level of a selected sugar phosphonate. The compositions can contain, usually contain, conventional additives and additives in art established levels for their known functionalities.

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C11D 3/221 (2013.01); **C11D 3/228** (2013.01); **C11D 3/361** (2013.01); **C11D 3/364** (2013.01)

Citation (applicant)

- EP 1431381 A1 20040623 - PROCTER & GAMBLE [US]
- US 2007015678 A1 20070118 - RODRIGUES KLIN A [US], et al
- EP 1090980 A1 20010411 - PROCTER & GAMBLE [US]
- EP 1035198 A2 20000913 - PROCTER & GAMBLE [US]
- EP 0892039 A1 19990120 - PROCTER & GAMBLE [US]
- EP 0859044 A1 19980819 - PROCTER & GAMBLE [US]
- EP 0713910 A2 19960529 - PROCTER & GAMBLE [US]
- EP 0682105 A2 19951115 - PROCTER & GAMBLE [US]

Citation (search report)

- [X] EP 0713882 A1 19960529 - CIBA GEIGY AG [CH]
- [X] GB 1284680 A 19720809 - BENCKISER GMBH JOH A [DE]
- [X] EP 0061686 A2 19821006 - HOECHST AG [DE]
- [A] EP 1408103 A1 20040414 - SOLUTIA EUROP S A NV [BE]

Cited by
CN102428040A; US8758556B2; WO2010106077A1; EP2157058B1

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