

Title (en)

USE OF AGENTS FOR CELLULOSE AND PAPER PRODUCTION

Title (de)

VERWENDUNG VON MITTELN ZUR ZELLSTOFF- UND PAPIERHERSTELLUNG

Title (fr)

UTILISATION D'AGENTS POUR PRODUIRE DE LA CELLULOSE OU DU PAPIER

Publication

**EP 0828889 B1 19990818 (DE)**

Application

**EP 96916148 A 19960522**

Priority

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- EP 9602191 W 19960522

Abstract (en)

[origin: WO9638628A1] The invention relates to the use of oil-in-water emulsions for cleaning machines and plant components in the production of cellulose, paper, paperboard and cardboard and to prevent the pollution of such units by adhesives and adherent resins. As components of the oil phase, the emulsions contains at least one of the following materials: (1) a saturated or unsaturated, open-chained or cyclic, normal or isomeric hydrocarbon with 8 to 30 carbon atoms; (2) a saturated or unsaturated fatty alcohol, a saturated or unsaturated fatty acid, a fatty acid monoalkyl ester, a fatty acid amide or a fatty acid monoalkyl amide of a saturated or unsaturated fatty acid, with all these compounds having 8 to 30 carbon atoms; (3) a mono or polyester of a saturated or unsaturated mono or polyvalent carboxylic acid with 2 to 30 carbon atoms and polyols except for polyethylene glycols; (4) a polyamide of saturated or unsaturated fatty acids with 8 to 30 carbon atoms and aliphatic polyamines with two to six nitrogen atoms; (5) an acyclic preferably monocyclic and/or bicyclic terpene, especially a terpene hydrocarbon, and/or a terpene alcohol, and/or (6) a polyoxyalkylene compound based on alkylene oxides.

IPC 1-7

**D21F 1/30**; **D21F 1/32**

IPC 8 full level

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CPC (source: EP US)

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Cited by

US7323086B1; WO2017007614A1; US10253214B2; WO2012022451A1; US8871701B2; EP0895553B1

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