Title (en)

Cleaning agent, process for preparing same, and use thereof

Title (de)

Reinigungsmittel, Verfahren zur Herstellung des Reinigungsmittels sowie seine Verwendung

Title (fr)

Agent nettoyant, méthode pour le produire et son utilisation

Publication

EP 0670380 B1 19990506 (DE)

Application

EP 95102606 A 19950224

Priority

DE 4406753 A 19940302

Abstract (en)

[origin: EP0670380A1] A cleaning agent, contg. (i) a solvent (A); (ii) an emulsifier (B), in an amt. of greater than 2 wt.% (based on total compsn. wt.); and (iii) a corrosion inhibitor as at least part of (D), comprises an organic low-aromatics content solvent (A) comprising a mixt. contg. (based on wt. of (A)) less than 5% terpene, 20-70% low-aromatics content hydrocarbon, and at least a lower or higher alcohol or their glycol ethers or esters; (B) adduct(s) of ethylene oxide (EO) with 10-18 C alcohols, the EO content of the adduct being 45-65%; and opt. (C) an alkoxylated (opt. modified) fatty alcohol, an alkoxylated alkylphenol and/or Me ethers of such cpds. (excluding, cpds. (B)); (D) other additives; and (E) water. The cleaning agent has a heat clouding temp. above 50 degrees C and a freezing pt. of at least -5 degrees C.

IPC 1-7

C23G 5/06; C11D 17/00

IPC 8 full level

C11D 1/72 (2006.01); **C11D 1/825** (2006.01); **C11D 3/43** (2006.01); **C11D 17/00** (2006.01); **C23G 5/06** (2006.01); C11D 1/722 (2006.01)

CPC (source: EP)

C11D 1/72 (2013.01); **C11D 1/8255** (2013.01); **C11D 3/43** (2013.01); **C11D 17/0021** (2013.01); **C23G 5/06** (2013.01); C11D 1/722 (2013.01)

Cited by

EP2223995A3; US10767141B2; US9828597B2; US10781438B2; US11225654B2; US11236323B2; US10563094B2; US11535773B2; US11542410B2; US11566149B2; US11597853B2; US11624044B2; DE202014008642U1; US10988714B2; US11015149B2; US11254898B2; US11692156B2; EP2223995A2; EP2408429A2

Designated contracting state (EPC)

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DOCDB simple family (application)

EP 95102606 A 19950224; AT 95102606 T 19950224; DE 4406753 A 19940302; DE 59505808 T 19950224; ES 95102606 T 19950224