

Title (en)

Preparations for production of stabilized coolantiubricants

Title (de)

Zubereitungen zur Herstellung wirkstoffstabilisierter Kühlschmiermittelprodukte

Title (fr)

Préparations pour refrigerants Inbrifiants stabilisées

Publication

**EP 0773281 B1 20051019 (DE)**

Application

**EP 96250190 A 19960905**

Priority

DE 19534532 A 19950908

Abstract (en)

[origin: DE19534532A1] An additive mixt. (A) for cold lubricant products contains (a) an N-(cyclo)alkyl-isothiazolone of formula (I), (b) a stabiliser for preventing chemical decomposition of (I) and (c) at least one solubiliser selected from phenoxyethanol, phenoxypropanols, phenoxybutanols, dipropylene glycol, 1-methoxypropan-2-ol and butyl diglycol. Y = 1-18C alkyl or 3-12C cycloalkyl (both opt. substd. by one or more of OH, halogen, CN, mono- or dialkylamino, aryl, NH<sub>2</sub>, COOH, alkoxycarbonyl, alkoxy, aryloxy, alkylthio, arylthio, haloalkoxy, cycloalkylamino, carbamoyloxy and isothiazolonyl); 2-8C alkenyl or 2-8C alkynyl (both opt. substd. by one or more halogen); 7-10C aralkyl (opt. substd. by one or more halogen or by one or more of 1-4C alkyl and 1-4C alkoxy); or aryl (opt. substd. by one or more of halogen, NO<sub>2</sub>, 1-4C alkyl, (1-4C)alkyl-acrylamino, (1-4C)alkoxycarbonyl and sulphamoyl); R, R<1> = H, halogen, 1-4C alkyl or 4-8C cycloalkyl, or together form a fused benzene ring. Also claimed are a cold lubricant prod. contg. (A), together with conventional components; and the use of (A) for prepn. of cold lubricants.

IPC 1-7

**C10M 173/00**; A01N 43/80; C10M 141/08

IPC 8 full level

**C10M 135/36** (2006.01)

CPC (source: EP)

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Cited by

EP1514473A1; US6211213B1; EP1488699A1; EP1332675A3; WO02067685A1; US6607738B2; JP2005082596A; US9034905B2; US9426994B2; US9426993B2; US9474280B2; US9480258B2; US9491945B2; US9497969B2; US9497968B2; US9532571B2

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