

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, NH₂, 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, NO₂, 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

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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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