

Title (en)
Compositions and methods

Title (de)
Zusammensetzung und Verfahren

Title (fr)
Composition et procédés

Publication
EP 2147968 A1 20100127 (EN)

Application
EP 08251963 A 20080605

Priority
EP 08251963 A 20080605

Abstract (en)
The present invention provides an additive package composition for a metalworking fluid comprising the following water-soluble components: (a) at least one neutralised dicarboxylic acid, in which the dicarboxylic acid has a carbon number of 6 to 12 carbons and/or at least one neutralised tricarboxylic acid, in which the tricarboxylic acid has a carbon number of up to 30 carbons; (b) at least one neutralised mono-substituted phosphate ester; (c) at least one neutralised thio acid; and (d) water, and a metalworking fluid composition comprising each of components (a) to (d) and additional component (e), which is at least one ethylene oxide, propylene oxide co-polymer. Also provided is a method of cold rolling a metal which employs the metalworking fluid composition described herein and/or a metalworking fluid comprising the additive package composition described herein.

IPC 8 full level
C10M 173/02 (2006.01); **C10N 40/20** (2006.01); **C10N 40/24** (2006.01)

CPC (source: EP)
C10M 173/02 (2013.01); **C10M 2207/123** (2013.01); **C10M 2207/127** (2013.01); **C10M 2209/104** (2013.01); **C10M 2209/107** (2013.01); **C10M 2219/06** (2013.01); **C10M 2219/085** (2013.01); **C10M 2223/043** (2013.01); **C10N 2040/20** (2013.01); **C10N 2040/24** (2013.01); **C10N 2040/244** (2020.05); **C10N 2040/247** (2020.05)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009147373 A2 20091210; WO 2009147373 A3 20100401; EP 2147968 A1 20100127

DOCDB simple family (application)
GB 2009001342 W 20090528; EP 08251963 A 20080605