Title (en)

METHOD FOR THE WET DRAWING OF STEEL CABLES FOR REINFORCING TYRES

Title (de)

VERFAHREN ZUM NASSZIEHEN VON STAHLKABELN ZUR VERSTÄRKUNG VON REIFEN

Title (fr)

PROCEDE DE TREFILAGE HUMIDE DE FILS D'ACIER DESTINES AU RENFORCEMENT DE BANDAGES PNEUMATIQUES

Publication

EP 2129755 A1 20091209 (FR)

Application

EP 08716297 A 20080306

Priority

- EP 2008001782 W 20080306
- FR 0701681 A 20070308

Abstract (en)

[origin: WO2008113481A1] The invention relates to a method for the wet drawing of a steel cable, also called "steelcord", for reinforcing a tyre, that uses, as a lubricant composition, an aqueous dispersion containing solid particles of a fatty acid ester including from 5 to 40 carbon atoms, in particular a diester of the formula R¹ - CO - O - A - O - CO - R²] in which R¹ and R² are hydrocarbon groups including from 5 to 23 carbon atoms, preferably from 13 to 21 carbon atoms. More particularly, the diester is a glycol distearate (EGDS). The use of such a diester, particularly in combination with a surfactant such as a block copolymer of ethylene oxide and C₃-C₁₀ alkylene oxide, results in improved lubrication performance.

IPC 8 full level

C10M 129/74 (2006.01); **C10M 145/26** (2006.01); **C10M 145/38** (2006.01); **C10M 173/02** (2006.01)

CPC (source: EP US)

C10M 129/74 (2013.01 - EP US); **C10M 145/26** (2013.01 - EP US); **C10M 145/38** (2013.01 - EP US); **C10M 173/02** (2013.01 - EP US); C10M 2207/283 (2013.01 - EP US); C10M 2209/104 (2013.01 - EP US); C10M 2209/105 (2013.01 - EP US); C10M 2209/108 (2013.01 - EP US); C10N 2030/06 (2013.01 - EP US); C10N 2040/20 (2013.01 - EP US); C10N 2040/243 (2020.05 - EP US); C10N 2040/246 (2020.05 - EP US); C10N 2050/015 (2020.05 - EP US); C10N 2070/02 (2020.05 - EP US)

Citation (search report)

See references of WO 2008113481A1

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

DOCDB simple family (publication)

FR 2913355 A1 20080912; **FR 2913355 B1 20090821**; EP 2129755 A1 20091209; JP 2010520932 A 20100617; JP 5372784 B2 20131218; US 2010170624 A1 20100708; US 8555689 B2 20131015; WO 2008113481 A1 20080925

DOCDB simple family (application)

FR 0701681 A 20070308; EP 08716297 A 20080306; EP 2008001782 W 20080306; JP 2009552120 A 20080306; US 52988508 A 20080306