

Title (en)

Antifriction coating for telescope parts

Title (de)

Gleitbeschichtung für Teleskopkranteile

Title (fr)

Revêtement anti-glissement pour pièce de grue télescopique

Publication

**EP 1935835 A1 20080625 (DE)**

Application

**EP 07008231 A 20070423**

Priority

DE 202006019046 U 20061218

Abstract (en)

The coating has an anti-friction paint layer which is applied on a telescopic crane part substrate (4) and is made in a compressed and sliding manner by the storage of nano particles. The substrate is made up of fine grained steel such as grounded fine grained steel, and the nano particles are continuously accumulated as an additive on and/or below a surface (1) in an additive layer (2) of the paint layer, and the additive is used on a siloxane base.

Abstract (de)

Die Erfindung betrifft eine Gleitbeschichtung für Teleskopkranteile, insbesondere Teleskopelemente eines Krans bzw. Mobilkrans, bei welcher auf einem Teleskopkranteil-Substrat eine Gleitlackschicht aufgebracht ist, die durch die Einlagerung von Nanopartikeln verdichtet und gleitfähig gemacht ist.

IPC 8 full level

**B66C 23/70** (2006.01)

CPC (source: EP KR US)

**B66C 9/00** (2013.01 - KR); **B66C 23/707** (2013.01 - EP US); **C10M 125/26** (2013.01 - KR); **C10M 169/04** (2013.01 - EP US); **C10M 171/06** (2013.01 - EP US); **C10M 2229/025** (2013.01 - EP US); **C10N 2020/06** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2050/015** (2020.05 - EP US); **C10N 2050/14** (2020.05 - EP US)

Citation (search report)

- [X] JP 2000104731 A 20000411 - OILES INDUSTRY CO LTD
- [X] WO 9853921 A1 19981203 - GLOBAL SURFACE AKTIENGESELLSCH [CH], et al
- [A] DE 8704486 U1 19870611
- [A] DE 19741202 C1 19981022 - KIDDE IND INC [US]

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DE ES FR GB IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 202006019046 U1 20070419**; CA 2587221 A1 20080618; CN 101205050 A 20080625; EP 1935835 A1 20080625; JP 2008150209 A 20080703; KR 20080056623 A 20080623; US 2008146471 A1 20080619

DOCDB simple family (application)

**DE 202006019046 U 20061218**; CA 2587221 A 20070502; CN 200710106370 A 20070528; EP 07008231 A 20070423; JP 2007150264 A 20070606; KR 20070072925 A 20070720; US 88230907 A 20070731