

Title (en)

Straddle carrier with electric motor wheel hub drive

Title (de)

Portalhubwagen mit elektrischem Radnabenantrieb

Title (fr)

Véhicule cavalier avec entraînement à moteur électrique au moyeu de roue

Publication

EP 1506888 B1 20081001 (DE)

Application

EP 03017709 A 20030802

Priority

EP 03017709 A 20030802

Abstract (en)

[origin: EP1506888A1] The traveling portal crane has electric motors (17) in some of the wheel hubs (18). The crane has a lower frame (20) with four swiveling wheel forks mounted in line enabling steering. The inner two wheels have hubs containing a planetary reduction gear, an electric motor and a wet brake. Each wheel has a pneumatic tire. There are oil and cooling fluid circuits in the motored wheels and support forks.

IPC 8 full level

B60K 7/00 (2006.01); **B60K 11/02** (2006.01); **B66C 19/00** (2006.01)

CPC (source: EP)

B66C 19/007 (2013.01)

Cited by

EP1731473A3; EP1749787A3; CN103253593A; CN103818826A; CN107140581A; US11485589B2; CN102666356A; EP1749788A3; CN102202998A; ITCR20080023A1; US9845227B2; US8831841B2; WO2012168070A2; WO2009118636A1; WO2011035892A1; WO2011035891A1; WO2010061254A1; US9708163B2

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DOCDB simple family (publication)

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