

Title (en)  
Drive device for a crane

Title (de)  
Antriebsvorrichtung für einen Kran

Title (fr)  
Dispositif d'entraînement pour une grue

Publication  
**EP 2551234 B1 20140514 (DE)**

Application  
**EP 12005211 A 20120716**

Priority  
DE 102011108893 A 20110729

Abstract (en)  
[origin: EP2551234A1] The drive device has a lower carriage (2) arranged on lower chassis engine of an internal combustion engine. An upper carriage drive is driven by torque or power transmission unit by a drivable lower chassis engine. The torque or power transmission unit has a drive shaft, particularly a vertical shaft, and an angular gear. A clutch is provided, in the torque or power transmission unit, for coupling and uncoupling of the upper carriage drive.

IPC 8 full level  
**B66C 23/40** (2006.01); **B66C 23/38** (2006.01)

CPC (source: EP US)  
**B66C 13/20** (2013.01 - EP US); **B66C 23/38** (2013.01 - EP US)

Citation (examination)  
US 1771333 A 19300722

Cited by  
DE102012020821B4; CN114475561A; DE102012020821A1; EP3251997A1; US10106379B2; US8936118B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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