

Title (en)  
Method for controlling a drive of a crane

Title (de)  
Verfahren zur Ansteuerung eines Antriebs eines Kranes

Title (fr)  
Procédé de commande d'un entraînement de grue

Publication  
**EP 2272785 B1 20120208 (DE)**

Application  
**EP 10005588 A 20100528**

Priority  
DE 102009032270 A 20090708

Abstract (en)  
[origin: EP2272785A1] The method involves providing the reference-movement of a cantilever arm head (5) as input parameter. A control parameter is calculated for controlling the drive on the basis of input parameter. The vibration dynamics of the system is considered for drive and the crane structure during calculating the control variable, in order to reduce the natural vibration. An independent claim is also included for a crane or crane controller with a control unit.

IPC 8 full level  
**B66C 13/06** (2006.01)

CPC (source: EP US)  
**B66C 13/063** (2013.01 - EP US)

Cited by  
CN103303800A

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

DOCDB simple family (publication)  
**EP 2272785 A1 20110112; EP 2272785 B1 20120208**; AT E544719 T1 20120215; CN 101948082 A 20110119; CN 101948082 B 20151125; DE 102009032270 A1 20110113; ES 2378218 T3 20120410; US 10046953 B2 20180814; US 2011006023 A1 20110113

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**EP 10005588 A 20100528**; AT 10005588 T 20100528; CN 201010226298 A 20100708; DE 102009032270 A 20090708; ES 10005588 T 20100528; US 83247510 A 20100708