

Title (en)

Control device for operating at least two chain hoists in parallel

Title (de)

Steuerungsanordnung zum parallelen Betreiben von mindestens zwei Kettenzügen

Title (fr)

Agencement de commande destiné au fonctionnement parallèle d'au moins deux palans à chaînes

Publication

EP 1985574 A3 20110608 (DE)

Application

EP 08154557 A 20080415

Priority

DE 102007019959 A 20070427

Abstract (en)

[origin: EP1985574A2] The arrangement has chain hoists (1a, 1b, 1c), which include a drive motor (2), which acts over a friction clutch (8) on a gear, and brakes (13), which act behind the friction clutch on the gear. Controls (3a, 3b, 3c) are attached to each drive motor and each brake. The brakes are electrically connected with one another in such a manner that one brake, which is brought into engagement, of the chain hoist effects that the brake of the other chain hoist is brought into engagement.

IPC 8 full level

B66D 1/46 (2006.01)

CPC (source: EP)

B66C 13/08 (2013.01); **B66D 1/46** (2013.01)

Citation (search report)

- [A] DE 10339440 A1 20050407 - DEMAG CRANES & COMPONENTS GMBH [DE]
- [A] DE 3147158 A1 19830609 - EMMERICH JOHANNES
- [A] JP S5280961 U 19770616

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1985574 A2 20081029; **EP 1985574 A3 20110608**; **EP 1985574 B1 20120208**; AT E544720 T1 20120215; DE 102007019959 B3 20080703; ES 2381632 T3 20120530

DOCDB simple family (application)

EP 08154557 A 20080415; AT 08154557 T 20080415; DE 102007019959 A 20070427; ES 08154557 T 20080415