

Title (en)  
Control device for tower cranes

Title (de)  
Steuervorrichtung für Turmkräne

Title (fr)  
Dispositif de contrôle de commande pour grues à tour

Publication  
**EP 1149796 B1 20050622 (FR)**

Application  
**EP 01420056 A 20010301**

Priority  
IT MI20000940 A 20000428

Abstract (en)  
[origin: EP1149796A2] Device comprises an electronic control device (2) that receives a control signal (4) from a radio control device (3). In addition it receives signals (5, 7, 9, 13, 15, 17, 19, 21) from sensors (6, 8, 11, 18, 20, 22-24) and switches (14, 16). Dependent on these inputs, stop and go commands (27, 30-34) are output to control speed varying devices (28) or other controllers (35, 36) to control movements as well as security devices (32).

IPC 1-7  
**B66C 13/22**

IPC 8 full level  
**B66C 13/16** (2006.01); **B66C 13/40** (2006.01); **B66C 13/22** (2006.01); **B66C 13/44** (2006.01); **B66C 15/00** (2006.01); **G05B 19/05** (2006.01)

CPC (source: EP US)  
**B66C 13/22** (2013.01 - EP US); **B66C 13/44** (2013.01 - EP US)

Cited by  
CN104261260A; CN106429842A; US11267681B2; US7061438B2; WO2014173609A1

Designated contracting state (EPC)  
BE DE ES FR

DOCDB simple family (publication)  
**EP 1149796 A2 20011031**; **EP 1149796 A3 20030416**; **EP 1149796 B1 20050622**; DE 60111591 D1 20050728; DE 60111591 T2 20060518; ES 2243424 T3 20051201; IT 1317433 B1 20030709; IT MI20000940 A0 20000428; IT MI20000940 A1 20011028; JP 2002003157 A 20020109; RU 2259579 C2 20050827; US 2002011457 A1 20020131; US 6634514 B2 20031021

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