

Title (en)

Installation for remote control of a motorized mobile engine.

Title (de)

Funkfeinsteuerungseinrichtung für eine bewegliche motorisierte Maschine.

Title (fr)

Installation pour la télécommande par liaison hertzienne d'un engin mobile motorisé.

Publication

**EP 0514244 A1 19921119 (FR)**

Application

**EP 92401274 A 19920507**

Priority

FR 9105587 A 19910507

Abstract (en)

Installation comprising a radio-frequency receiver (6), installed on the travelling crane (1) with which it is combined in such a way as to provide for the remote control of this crane from a corresponding, portable, radio-frequency transmitter (8), an installation characterised in that the travelling crane (1) also comprises an infrared transmitter (11) while the portable transmitter (8) comprises a corresponding infrared receiver (12), these infrared receiver and transmitter being combined with the radio-frequency receiver and transmitter in such a way that at least the starting of the travelling crane can only be carried out by the radio link remote control from the portable transmitter (8) when this portable transmitter is in an area (111), with respect to the travelling crane, such that it can receive a prior infrared frequency remote control authorisation signal. <IMAGE>

IPC 1-7

**B66C 13/44**; **G08C 17/00**; **G08C 25/00**

IPC 8 full level

**B66C 13/44** (2006.01); **G08C 17/02** (2006.01); **G08C 25/00** (2006.01)

CPC (source: EP)

**B66C 13/40** (2013.01); **G08C 17/02** (2013.01); **G08C 25/00** (2013.01)

Citation (search report)

- [A] GB 2234607 A 19910206 - NPO AVTOMATGORMASH [SU]
- [A] GB 1585175 A 19810225 - TALBOT MOTOR
- [A] GLUCKAUF. 13 Avril 1967, ESSEN DE pages 375 - 378; WEBER ET AL: 'Ein tragbares Funk-Fernsteuergerät für Gewinnungsmaschinen'
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 310 (E-364)(2033) 6 Décembre 1985 & JP-A-60 144 096 ( YANMAR DIESEL K.K. ) 30 Juillet 1985

Cited by

EP0971330A1; EP1748399A1; EP1288882A1; CN102963820A; JP2007509638A; US5929770A; EP1480180A1; CN107352400A; GB2484468A; DE10110776B4; FR2806511A1; EP0945838A1; US10047500B2; US6750780B1; US7956726B2; WO2009025001A1; WO2014135169A1; WO2004090414A1; WO2005018242A3; US6285925B1; WO9525300A1; WO9921153A1; EP3838830A1

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