

Title (en)
PENDANT PUSH BUTTON SWITCHES FOR CONTROLLING OF LIFTING AND/OR CRANE DEVICES

Publication
EP 0432284 B1 19930519 (DE)

Application
EP 89122768 A 19891209

Priority
EP 89122768 A 19891209

Abstract (en)
[origin: EP0432284A1] Pendant push button switches have electromechanical switching elements (9) which are connected via a control line (5) to the lifting/crane device. Until now, the control line (5) has been laid in the pendant push button switch as a cable strand and has been connected individually to the contacts of the electromechanical switching elements (9) which necessitates considerable installation cost. The control line (5) is connected to the pendant push button switch via a plug connection (2, 3) which is arranged in, or in the immediate vicinity of, the pendant push button switch. <IMAGE>

IPC 1-7
B66C 13/56; **H01H 9/02**; **H01R 13/73**; **H02H 9/06**

IPC 8 full level
H01H 9/02 (2006.01); **H01H 1/58** (2006.01)

CPC (source: EP)
H01H 9/0214 (2013.01); **H01H 1/58** (2013.01)

Cited by
EP1326261A4; EP0656314A1

Designated contracting state (EPC)
DE ES FR IT NL SE

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EP 0432284 A1 19910619; **EP 0432284 B1 19930519**; DE 58904448 D1 19930624; DE 9003428 U1 19910411; ES 2042950 T3 19931216

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EP 89122768 A 19891209; DE 58904448 T 19891209; DE 9003428 U 19900323; ES 89122768 T 19891209