

Title (en)

Method and device for safety ascending to a cab, in particular on a tower crane

Title (de)

Verfahren und Vorrichtung zum sicheren Besteigen einer Kabine, insbesondere auf einem Turmkran

Title (fr)

Procédé et dispositif pour l'accès sécurisé à un poste de conduite élevé, notamment sur une grue à tour

Publication

EP 0803466 B1 19981007 (FR)

Application

EP 97420048 A 19970321

Priority

FR 9604980 A 19960416

Abstract (en)

[origin: EP0803466A1] The raised driving cabin of a tower crane is accessible through a mast comprising sections (10-12) equipped with several lateral access ladders (13,14,15). The secure access consists in utilising an individual protection nacelle (17) which can move along the mast. The nacelle which is accessible from the outside enables the crane driver to stand inside it. The nacelle is held and guided on successive ladders and moved along the mast by a harness resting on the shoulders of the crane operator. A compensator hoist (18) balances the weight of the nacelle and a winding drum (19) is used to immobilise it.

IPC 1-7

B66C 23/18; **E06C 7/18**

IPC 8 full level

B66C 15/00 (2006.01); **B66C 23/18** (2006.01); **B66C 23/88** (2006.01); **E06C 7/12** (2006.01); **E06C 7/18** (2006.01)

CPC (source: EP)

B66C 23/18 (2013.01); **E06C 7/12** (2013.01); **E06C 7/186** (2013.01)

Cited by

CN103588128A; EP1387035A1; EP1277495A1; RU2482053C2; CN116986496A

Designated contracting state (EPC)

CH DE IT LI SE

DOCDB simple family (publication)

EP 0803466 A1 19971029; **EP 0803466 B1 19981007**; DE 69700034 D1 19981112; DE 69700034 T2 19990401; FR 2747380 A1 19971017; FR 2747380 B1 19980522; JP H1045381 A 19980217

DOCDB simple family (application)

EP 97420048 A 19970321; DE 69700034 T 19970321; FR 9604980 A 19960416; JP 8928997 A 19970408