

Title (en)
LOAD HOIST FOR CONFINED SPACES

Title (de)
LASTHEBEZEUG FÜR BEGRENZTE RÄUME

Title (fr)
MONTE-CHARGE POUR ESPACES CONFINES

Publication
EP 1889806 A1 20080220 (EN)

Application
EP 05750510 A 20050519

Priority
ES 2005000281 W 20050519

Abstract (en)
The present invention refers to a hoist machine for small spaces having a structure formed from one or more modules (2-2') that can be longitudinally coupled to one another, formed by a metal frame (3) and a rib, either a drive rib (13) or a transmission rib (13'). Transversally located on the frame (3) are a series of brackets (7) on which a platform (8) is located. Said brackets are provided with extendible arms which allow coupling side platforms (11) of different widths, according to the unfolded length thereof. The drive rib (13) includes a gear motor group (12) which transmits its power to the ends of said rib that are connected in an interchangeable manner with the drive heads associated to the runways and on which they shift by means of a rack and pinion traction system. It is possible to couple to said drive rib either other drive ribs or other transmission ribs, thus obtaining a device that can be modulated in power and that can be adapted to the dimensions of the shaft in which it is intended to be installed.

IPC 8 full level
B66B 9/02 (2006.01); **B66B 11/04** (2006.01)

CPC (source: EP)
B66B 9/022 (2013.01); **B66B 9/187** (2013.01)

Citation (search report)
See references of WO 2006122991A1

Cited by
CN102099280A; CN106163962A; CN104340620A; CN103879858A; EP2826742A1; CN105377737A; WO2015007769A1; WO2010010023A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
HR YU

DOCDB simple family (publication)
EP 1889806 A1 20080220; **EP 1889806 B1 20110824**; AT E521562 T1 20110915; ES 2372638 T3 20120125; WO 2006122991 A1 20061123

DOCDB simple family (application)
EP 05750510 A 20050519; AT 05750510 T 20050519; ES 05750510 T 20050519; ES 2005000281 W 20050519