

Title (en)  
Drive system for movable platforms

Title (de)  
Antriebssystem für bewegliche Plattformen

Title (fr)  
Systèmes d'entraînement pour plateformes mobiles

Publication  
**EP 2431321 A1 20120321 (EN)**

Application  
**EP 11380072 A 20110919**

Priority  
ES 201031398 A 20100920

Abstract (en)  
The present invention relates to a drive system for movable platforms (2, 3) having a bearing structure (1), independent movement subsystems (4, 5, 10, 11) having a drive chain (4) for being guided between chain guides (7) along a trajectory, a lifting subsystem (5) in the loading area and a lifting subsystem (5') in the unloading area for moving movable platforms (2, 3), a plurality of linear motors (10) for horizontally moving the movable platforms (2, 3), platforms (2, 3) having horizontal movement devices having front rollers (61'), rear rollers (62'), drive devices having a plurality of connectors (8) and drive equipment (12, 13) for moving the drive chain (4) according to a reversible, point-to-point, discontinuous movement.

IPC 8 full level  
**B66B 21/00** (2006.01); **B66B 23/14** (2006.01)

CPC (source: EP ES)  
**B66B 21/00** (2013.01 - EP ES); **B66B 23/00** (2013.01 - EP); **B66B 23/02** (2013.01 - ES); **B66B 23/026** (2013.01 - EP);  
**B66B 23/147** (2013.01 - EP)

Citation (search report)  
• [A] ES 2333640 A1 20100224 - THYSENKRUPP ELEVATOR INNOVATI [ES], et al & EP 2266912 A1 20101229 - THYSENKRUPP ELEV INNOVATION [ES], et al  
• [A] US 3610160 A 19711005 - ALIMANESTIANU MIHAI

Cited by  
CN112236382A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2431321 A1 20120321**; **EP 2431321 B1 20161116**; ES 2353290 A1 20110301; ES 2353290 B1 20111213; ES 2615603 T3 20170607

DOCDB simple family (application)  
**EP 11380072 A 20110919**; ES 11380072 T 20110919; ES 201031398 A 20100920