

Title (en)

Elevator, and also a system and a method for enabling embarkation and disembarkation of a vessel

Title (de)

Aufzug sowie System und Verfahren zur Ermöglichung der Ein- und Ausschiffung

Title (fr)

Ascenseur et également système et procédé permettant l'embarquement et le débarquement d'un navire

Publication

**EP 2628699 A3 20150902 (EN)**

Application

**EP 13152568 A 20130124**

Priority

FI 20125197 A 20120220

Abstract (en)

[origin: EP2628699A2] Elevator, and also a system and a method for enabling embarkation and disembarkation of a vessel The elevator (104) comprises: - a first (102) and a second exit (101), of which at least the first exit (102) can be fastened to the entrance of the vessel (106) or which leads to an access platform connecting to the vessel (106); - between the first and second exit in the vertical direction, a movable platform (411), which is most preferably a part of the elevator car (410); - drive means (490) for displacing the platform (411) in the vertical direction; - a speed reference unit (493) for controlling the drive means (490) such that the moving speed of the platform (411) can be decelerated at the point of a first deceleration point (p1) from the nominal speed of the platform via an initial smoothing curve for deceleration (p2) to a predetermined maximum value of deceleration and after this at the point of a second deceleration point (p3) by reducing the deceleration via a final smoothing curve to zero (p4). The speed reference unit (493) is configured to displace at least one of a first and a second deceleration point (p1, p3) when the distance of the first exit (102) from the second exit (101) changes. The patent application comprises an independent claim also for a system and a method for enabling embarkation and disembarkation of a vessel.

IPC 8 full level

**B66B 9/187** (2006.01); **E01D 15/24** (2006.01)

CPC (source: EP)

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Citation (search report)

- [YD] WO 2009067076 A1 20090528 - MACGREGOR SWE AB [SE], et al
- [Y] WO 9741055 A1 19971106 - KONE OY [FI], et al
- [Y] EP 1930277 A1 20080611 - MITSUBISHI ELECTRIC CORP [JP]
- [A] US 4155426 A 19790522 - BOOKER CLYDE A JR [US]
- [A] JP H06286959 A 19941011 - HITACHI SHIPBUILDING ENG CO

Cited by

CN108750874A; CN108750875A

Designated contracting state (EPC)

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