

Title (en)

METHOD FOR CONSTRUCTING AN ELEVATOR SYSTEM HAVING INCREASING USABLE LIFTING HEIGHT

Title (de)

VERFAHREN ZUM ERRICHTEN EINER AUFZUGSANLAGE MIT ZUNEHMENDER NUTZBARER HUBHÖHE

Title (fr)

PROCÉDÉ POUR CONSTRUIRE UN SYSTÈME D'ASCENSEUR PRÉSENTANT UNE HAUTEUR DE LEVAGE UTILE CROISSANTE

Publication

EP 3691985 A1 20200812 (DE)

Application

EP 18768918 A 20180919

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- EP 2018075347 W 20180919

Abstract (en)

[origin: WO2019068469A1] The invention relates to a method for constructing at least two elevators (3.1, 3.2, 3.3) in a building (2) under construction, wherein the usable lifting heights of said elevators are adapted to an increasing height of the building, wherein each of the at least two elevators (3.1, 3.2, 3.3) is arranged in an elevator shaft (6.1, 6.2, 6.3) of the building associated with the elevator and comprises a drive platform (5) having an elevator drive machine (14), which elevator drive machine supports and drives an elevator car (9) and a counterweight (10) by means of a traction sheave (13) and at least one flexible suspension means (15), and, in order to adapt the usable lifting heights, lifting operations are performed, in which in alternation one of the drive platforms (5) of the at least two elevators (3.1, 3.2, 3.3) is raised to a higher level in the associated elevator shaft (6.1, 6.2, 6.3) and is locked there. In order to perform said lifting operations, a single lifting platform (30) is used, which is temporarily fastened above the particular drive platform (5) to be lifted, in the elevator shaft (6.1, 6.2, 6.3) associated with the particular drive platform, and forms a supporting construction, by means of which a lifting force required to raise the drive platform (5) is transferred to supporting elements of the elevator shaft (6.1, 6.2, 6.3).

IPC 8 full level

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Citation (search report)

See references of WO 2019068469A1

Cited by

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