

Title (en)  
Staircase elevator device

Title (de)  
Treppenaufzugsvorrichtung

Title (fr)  
Dispositif d'ascenseur d'escalier

Publication  
**EP 2913290 B1 20160427 (EN)**

Application  
**EP 14156811 A 20140226**

Priority  
EP 14156811 A 20140226

Abstract (en)  
[origin: EP2913290A1] A Staircase Elevator Device for ascending/descending any given number of steps of a staircase is proposed comprising an equal to the staircase steps number of modular step elevators, each individual modular step elevator being associated with one step of the staircase and connected with the step in a non-destructive way, each modular step elevator comprising a base (1) firmly arranged on the horizontal surface of the staircase step the modular step elevator is associated with and shaped according to the shape of the horizontal surface of the staircase step and a movable platform (2) having the same shape as the base and being able to be moved up or down between the base (1) of the modular step elevator and the level of the lower position of the movable platform (2) of the modular step elevator associated with the next higher staircase step by means of an electric, pneumatic or hydraulic actuator, the movable platform (2) having at least one handhold (3) being arranged on one side of the movable platform (2), whereby the electric, pneumatic or hydraulic actuator is controllable by a user by means of control means (4) provided on at least one handhold (3) of the movable platform (2), whereby the bases (1) of the modular step elevators associated with one staircase between two floors are firmly connected to each other by means of at least one stable profile (22) running along and parallel to the inclination of the staircase from the lower floor to the higher floor and serving also as a guide channel for the cables and/or tubing needed for the operation of the actuators of the movable platforms (2).

IPC 8 full level  
**B66B 9/08** (2006.01)

CPC (source: EP)  
**B66B 9/0869** (2013.01)

Cited by  
IT201600071622A1; CN109476454A; US11104548B2; WO2018007989A1

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

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