

Title (en)  
ELEVATOR CAR WITH FOLDABLE WORKING PLATFORM

Title (de)  
AUFZUGSKABINE MIT FALTBARER ARBEITSPLATTFORM

Title (fr)  
CABINE D'ASCENSEUR DOTÉE D'UNE PLATEFORME DE TRAVAIL PLIABLE

Publication  
**EP 3943432 B1 20231206 (EN)**

Application  
**EP 20305845 A 20200723**

Priority  
EP 20305845 A 20200723

Abstract (en)  
[origin: EP3943432A1] An elevator car (1) defining an interior space (2) for accommodating passengers and/or cargo, comprising a support frame (4) positioned above the interior space (2), a working platform (6) moveable between a stowed position, above the interior space (2), and an operational position, within the interior space (2) and at least one extendable suspension arrangement (8a, 8b) arranged to suspend the working platform (6) from the support frame (4). The extendable suspension arrangement (8a, 8b) includes a connection plate (10a, 10b, 10c, 10d), a first arm member (12a, 12b, 12c, 12d) connected at a first end (3a, 3b, 3c, 3d) to the support frame (4) and slidably connected to a first connection point (16a, 16b, 16c, 16d) of the connection plate (10a, 10b, 10c, 10d) and a second arm member (14a, 14b, 14c, 14d) connected at another first end (5a, 5b, 5c, 5d) to the working platform and slidably connected to a second connection point (18a, 18b, 18c, 18d) of the connection plate (10a, 10b, 10c, 10d). The first arm member (12a, 12b, 12c, 12d) and the second arm member (14a, 14b, 14c, 14d) are configured to slide parallel to each other, along a sliding direction (13a), in order to extend the extendable suspension arrangement (8a, 8b) when the working platform (6) moves between the stowed position and the operational position. The first connection point (16a, 16b, 16c, 16d) and the second connection point (18a, 18b, 18c, 18d) have an offset from one another at least in a direction perpendicular to the sliding direction (13a).

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

CPC (source: EP)  
**B66B 11/0246** (2013.01)

Cited by  
CN116281520A; US11945684B2; EP4286314A1; EP4286315A1

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

DOCDB simple family (publication)  
**EP 3943432 A1 20220126; EP 3943432 B1 20231206**; ES 2966104 T3 20240418

DOCDB simple family (application)  
**EP 20305845 A 20200723**; ES 20305845 T 20200723