

Title (en)
SUSPENSION ELEVATOR

Title (de)
AUFHÄNGUNGS-AUFZUG

Title (fr)
ASCENSEUR À SUSPENSION

Publication
EP 4361081 A1 20240501 (EN)

Application
EP 22204420 A 20221028

Priority
EP 22204420 A 20221028

Abstract (en)
Suspension elevator with a car suspended in a pulley block on a usually multi-part, flexible suspension means, as well as a drive for moving the suspension means and several car pulleys rotatably held on a common axle between two car beams, which are preferably open-sided, for example in the form of C-profile beams, which form a car pulley unit over which the suspension means runs, wherein the common axle is mounted in at least one seat of the car beams in such a manner that it can be brought out of engagement with the seat or seat area by a pivoting or purely translatable displacement transversely to its central longitudinal axis, and that the at least one car beam is designed and adapted to the car pulley unit in such a way that the car pulley unit, after being disengaged from the at least one seat or seat area, can be pulled out of its installation space between the car beams by a movement extending at least substantially in the direction of its central longitudinal axis through one of the car beams.

IPC 8 full level
B66B 11/02 (2006.01)

CPC (source: EP)
B66B 11/0206 (2013.01)

Citation (search report)
• [A] US 2017297869 A1 20171019 - QIU MINGLUN [US], et al
• [A] US 2011061978 A1 20110317 - DOMINGUEZ FRANCK [FR], et al
• [A] EP 0983957 A2 20000308 - TOSHIBA KK [JP]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

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KH MA MD TN

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