

Title (en)
ELEVATOR CAR FOR REDUCED UPPER ENDS OF ELEVATOR SHAFTS

Title (de)
LIFTKABINE FÜR REDUZIERTE LIFTSCHACHTKÖPFE

Title (fr)
CABINE D'ASCENSEUR POUR HAUTEURS DE PLAFOND DE GAINÉ RÉDUITES

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Application
EP 08783472 A 20080905

Priority
• CH 2008000372 W 20080905
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Abstract (en)
[origin: WO2009036583A1] The invention relates to an elevator car (10), which is characterized by a car roof (9), which is constructed so that it cannot be walked upon, so that the required free space F, in the form of a cuboid lying on one of its sides, with the minimum dimensions of 0.5 m x 0.6 m x 0.8 m, lies completely within the interior of the car (10) in the uppermost position of said car (10) and reaches down to the floor (8) of the car (10). In the event that it is subjected to a load, the roof (9) of the car (10) yields as the result of deformation or is lowered. Consequently, the required free space F of 0.5 m x 0.6 m x 0.8 m, above the surface, on which a maintenance man can stand, can be guaranteed in every case as a safety space against the danger of being crushed, even if the elevator car moves very close to the ceiling of the shaft.

IPC 8 full level
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CPC (source: EP US)
B66B 5/005 (2013.01 - EP US); **B66B 11/0246** (2013.01 - EP US)

Citation (search report)
See references of WO 2009036583A1

Cited by
US11858777B2; US11104550B2; US11760603B2

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