

Title (en)
High-rigidity elevator car floor

Title (de)
Hochsteifer Aufzugs-Kabinenboden

Title (fr)
Plancher à rigidité élevée pour cabine d'ascenseur

Publication
EP 1004538 B1 20040218 (DE)

Application
EP 99123386 A 19991124

Priority
• EP 99123386 A 19991124
• EP 98811156 A 19981124

Abstract (en)
[origin: EP1004538A1] A lightweight floor panel for a lift cabin has a metal base panel (1) and a metal top panel (2) with a metal grid structure (4) clamped in between. The grid structure is made from metal strips with slots to clip together with the strips at right angles to the panels. The grid is welded at the crossing points, and to the panels, via holes (9) in the panels to form a self supporting structure. The edges of the floor are formed by turned down edges of the top panel welded to the sides of the structure.

IPC 1-7
B66B 11/02

IPC 8 full level
B66B 11/02 (2006.01)

IPC 8 main group level
B66B (2006.01)

CPC (source: EP)
B66B 11/0226 (2013.01)

Citation (examination)
EP 0700860 A1 19960313 - OTIS ELEVATOR CO [US]

Cited by
WO2012084518A1; WO2012136461A1; US9102503B2; CN104176597A; DE102007007049B3; DE102005041619A1; CN103459293A; WO2006148A3; WO2006026873A1; US9090434B2; WO2022112211A1; WO2013026489A1; US9809423B2; WO2022136118A1

Designated contracting state (EPC)
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EP 99123386 A 19991124; AT 99123386 T 19991124; CA 2290150 A 19991122; CN 99125041 A 19991124; DE 59908575 T 19991124; HK 00107536 A 20001124; JP 32681199 A 19991117; MY PI9904963 A 19991115