

Title (en)
LIFT WITH A RING-SHAPED CAR FOR TRANSPORTING PERSONS OR LOADS

Publication
EP 0195370 A3 19890329 (DE)

Application
EP 86103394 A 19860313

Priority
• CH 128785 A 19850322
• CH 496985 A 19851121

Abstract (en)
[origin: ES8701125A1] The travelling cabin comprises a plurality of closed, individual cabins, whereof the chassis is movably supported on a circular rail. The cabins are interconnected by upper and lower coupling rods. For the rotary movement of the cabins, the cage is provided with a cabin rotary drive constructed as a friction gear and whose driving wheel cooperates with a drive ring fixed to the cross-members of the cabins and which is supported by mating wheels. By subdividing the travelling cabin into individual cabins, the transportation capacity can be increased compared with comparable known travelling cabins, while the cabin weight and elevator driving power can be reduced.

IPC 1-7
B66B 9/00

IPC 8 full level
B66B 9/00 (2006.01)

CPC (source: EP US)
B66B 9/00 (2013.01 - EP US)

Citation (search report)
• [Y] US 3633904 A 19720111 - KOJIMA MASAYOSHI
• [Y] EP 0010471 A1 19800430 - DENIS CREISSELS S A SA [FR]
• [Y] DE 2203852 A1 19730802 - BORST ADOLF H
• [Y] FR 2332895 A1 19770624 - RODOT FREDERIC [FR]
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FR2924420A1; FR2737200A1; EP2427400A4; WO2009095552A3

Designated contracting state (EPC)
CH DE FR IT LI NL SE

DOCDB simple family (publication)
EP 0195370 A2 19860924; EP 0195370 A3 19890329; ES 553060 A0 19861201; ES 8701125 A1 19861201; PT 82220 A 19860401; US 4712652 A 19871215

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EP 86103394 A 19860313; ES 553060 A 19860317; PT 8222086 A 19860318; US 83995386 A 19860317