

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF ELEVATEUR

Publication
EP 1172321 A1 20020116 (EN)

Application
EP 00904099 A 20000222

Priority
JP 0001008 W 20000222

Abstract (en)
In an elevator apparatus, a car is raised and lowered by a gear-less type driving machine in which a traction sheave is directly rotated by a motor. The driving machine is disposed at an upper portion in a hoistway. A portion of the driving machine is disposed inside an area on which the car is projected in its raising and lowering direction. <IMAGE>

IPC 1-7
B66B 7/00

IPC 8 full level
B66B 11/00 (2006.01)

CPC (source: EP)
B66B 11/0045 (2013.01)

Cited by
US2009071760A1; US8172041B2; EP1516844A4; US7458308B2

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DE FR NL

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EP 1172321 A1 20020116; EP 1172321 A4 20060419; EP 1172321 B1 20090121; CN 1178843 C 20041208; CN 1348427 A 20020508;
DE 60041439 D1 20090312; WO 0162654 A1 20010830

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