

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 1528027 A4 20100721 (EN)

Application
EP 02755860 A 20020806

Priority
JP 0208026 W 20020806

Abstract (en)
[origin: WO2004013029A1] This elevator device comprises a cage moving up and down in a shaft, a balance weight moving up and down in the shaft in operative association with the cage, a rope hanging the cage and balance weight in the shaft, a wheel having the rope entrained therearound, a driving device for driving the rope to move the cage and balance weight up and down, an entrance preventing tool installed adjacent to an inlet/outlet port for the rope with respect to the wheel for preventing a falling object from entering from the inlet/outlet port for the rope into between the wheel and the rope, it being arranged that the entrance preventing tool attached to an attaching member is turned around a pivot with respect to the attaching member to adjust the distance between the front end of the entrance preventing tool and the rope.

IPC 1-7
B66B 7/06; **B66B 11/08**

IPC 8 full level
B66B 5/00 (2006.01); **B66B 7/06** (2006.01); **B66B 11/04** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)
B66B 7/06 (2013.01 - KR); **B66B 11/04** (2013.01 - EP); **B66B 11/08** (2013.01 - KR)

Citation (search report)
• [A] JP H02295878 A 19901206 - MITSUBISHI ELECTRIC CORP
• See references of WO 2004013029A1

Cited by
EP3800155A1; US11505431B2

Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 1528027 A1 20050504; **EP 1528027 A4 20100721**; **EP 1528027 B1 20111005**; CN 100377982 C 20080402; CN 1606527 A 20050413; JP 4170291 B2 20081022; JP WO2004013029 A1 20060921; KR 100688807 B1 20070302; KR 20040091055 A 20041027; WO 2004013029 A1 20040212

DOCDB simple family (application)
EP 02755860 A 20020806; CN 02825729 A 20020806; JP 0208026 W 20020806; JP 2004525766 A 20020806; KR 20047012760 A 20020806