

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF ASCENSEUR

Publication
EP 1588974 A1 20051026 (EN)

Application
EP 03701898 A 20030128

Priority
JP 0300775 W 20030128

Abstract (en)
An elevator system wherein a hoisting machine (11) is mounted on an elevator car (4) or a counterweight (10), comprises a first brake-releasing mechanism (30) and a second brake-releasing mechanism (40) for mechanically releasing brake of a braking device (20) of the hoisting machine (11), in case of malfunction of the elevator. The releasing of brake of the braking device (20) is performed by actuating each of the brake-releasing levers (31,41) by operating operation ropes (33,43) provided in each of the brake-releasing mechanisms from the ground. Furthermore, because the elevator system comprises two sets of brake-releasing mechanisms, it is possible to perform more stable releasing of the braking device (20) with facility and without fail by selecting the brake-releasing mechanism suitable for the situation of the boarding of passengers, regardless of the number of passengers inside the elevator car (4). <IMAGE>

IPC 1-7
B66B 5/02

IPC 8 full level
B66B 5/02 (2006.01); **B66B 11/00** (2006.01); **B66B 17/12** (2006.01)

CPC (source: EP KR)
B66B 5/02 (2013.01 - KR); **B66B 5/027** (2013.01 - EP); **B66B 11/0055** (2013.01 - EP); **B66B 17/12** (2013.01 - EP)

Cited by
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Designated contracting state (EPC)
DE

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EP 1588974 A1 20051026; **EP 1588974 A4 20110601**; CN 100357168 C 20071226; CN 1620399 A 20050525; JP WO2004067428 A1 20060518; KR 100627539 B1 20060921; KR 20050002894 A 20050110; WO 2004067428 A1 20040812

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