

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
APPAREIL ELEVATEUR

Publication
EP 1518811 B1 20101215 (EN)

Application
EP 03733305 A 20030606

Priority
JP 0307213 W 20030606

Abstract (en)
[origin: EP1518811A1] An elevator apparatus according to the present invention includes a hoistway; a hoisted body ascending and descending inside the hoistway; a buffer disposed in a pit in a lower portion of the hoistway, for stopping the hoisted body and for absorbing mechanical shock therefrom; an arm disposed under the hoisted body, for tracking vertical movement of the hoisted body; and a switch activated in response to downward movement of the arm, for stopping the hoisted body. As the switch and the arm are disposed inside a vertical plane of projection of the hoisted body, a cross-sectional area of a hoistway is reduced. <IMAGE>

IPC 8 full level
B66B 1/48 (2006.01); **B66B 5/28** (2006.01)

CPC (source: EP)
B66B 5/282 (2013.01)

Cited by
CN108439131A; CN108516439A; US11078043B2; US7896138B2; EP3401260A1; WO2007125155A1

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DE NL

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EP 03733305 A 20030606; CN 03810079 A 20030606; DE 60335370 T 20030606; JP 0307213 W 20030606; JP 2005500560 A 20030606