

Title (en)
Shaft safety system for an elevator

Title (de)
Schachtsicherheitssystem für Aufzug

Title (fr)
Système de sécurité pour cage d'ascenseur

Publication
EP 1110900 B1 20050720 (EN)

Application
EP 99204429 A 19991220

Priority
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Abstract (en)
[origin: EP1110900A1] The elevator comprising a car inside an elevator shaft, a landing door to open and close an entrance of the elevator shaft which entrance provides access to a work environment in the elevator shaft. The elevator further comprises a shaft safety system for safeguarding a maintenance worker in the work environment from the car. The shaft safety system comprises a device which is arranged to be automatically activated when said landing door is opened or released to be opened and deactivated by manually reset and a control system for controlling the movement of the car. The device is connected to the control system and the control system is brought in a safely mode wherein the control system prevents the car to move beyond a predetermined position in the shaft in the direction of the work environment if said device is activated. <IMAGE>

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B66B 5/00

IPC 8 full level
B66B 5/00 (2006.01)

CPC (source: EP)
B66B 5/005 (2013.01); **B66B 13/16** (2013.01)

Cited by
WO2013092493A1; US9878877B2; DE102012005541A1; US11623843B2; EP1728754A4; CN1298608C; KR100899935B1; CN1314573C; FR2977881A1; EP2039642A1; EP3255006A3; US2017355569A1; EP2325128A1; US11524877B2; EP3418238A1; CN109110621A; KR20190000313A; US8136637B2; US11505428B2; US6603398B2; EP3301051A1; US10676321B2; EP3056460A1; CN107250025A; WO2014106682A1; WO03043928A1; WO03008316A1; US10889465B2; US11040853B2; US11390492B2; US8162108B2; US8365870B2; EP2722300A1; US11091351B2; US7201256B2; EP3366628A1; US10906777B2; EP3056460B1; EP3347298B1; EP2325128B1

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