

Title (en)
SAFETY LOCK

Title (de)
SICHERHEITSCHLOSS

Title (fr)
SERRURE DE SÉCURITÉ

Publication
EP 2197776 A4 20131009 (EN)

Application
EP 08840493 A 20081015

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• FI 20070787 A 20071019

Abstract (en)
[origin: WO2009050328A1] The invention relates to a safety lock as well as a method for fitting a safety lock into a safety arrangement of an elevator. The safety lock comprises a frame section (2), as well as a lock latch (4) in connection with the frame section. The safety lock also comprises a catch lever (3) guided via a guide interface (17,19) as well as a safety switch (8) fitted inside the frame section. In the method for fitting a safety lock into a safety arrangement of an elevator the safety lock is fitted into a landing door (26) of the elevator; and a signal comprising the position data of the first switch element of the safety switch (8) is taken to the safety circuit (27) of the landing doors of the elevator via the electrical interface of the frame section (2) of the safety switch.

IPC 8 full level
B66B 13/16 (2006.01); **E05B 65/00** (2006.01)

CPC (source: EP FI)
B66B 13/165 (2013.01 - EP FI); **E05B 65/00** (2013.01 - FI)

Citation (search report)
• [XYI] US 1896541 A 19330207 - LEE DUNN EDWARD
• [Y] US 2307542 A 19430105 - ENNIS PRINCE ARTHUR
• [Y] GB 1132498 A 19681106 - SCHMERSAL & CO K A
• See references of WO 2009050328A1

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US11040853B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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