

Title (en)

WALL ATTACHMENT ASSEMBLY FOR FIXING AN ELEVATOR COMPONENT

Title (de)

WANDBEFESTIGUNGSANORDNUNG ZUR BEFESTIGUNG EINER AUFZUGKOMPONENTE

Title (fr)

SYSTEME DE FIXATION MURALE DESTINE POUR FIXER UN COMPOSANT D'ASCENSEUR

Publication

EP 3513010 B1 20240710 (DE)

Application

EP 17765386 A 20170904

Priority

- EP 16188561 A 20160913
- EP 2017072100 W 20170904

Abstract (en)

[origin: WO2018050469A1] The invention relates to a wall (3) of a structure, in particular an elevator shaft wall, comprising a wall securing assembly (24) integrated into the wall for securing an elevator component, in particular a guide rail, to the wall (3). The wall (3) has a first concrete region (37) which is reinforced with reinforcements (35) and a second concrete region (39) which is not reinforced with reinforcements (35), which covers the first concrete region (37), and which comprises a surface (40) that is exposed to the surroundings. The wall securing assembly (24) has an elongated profile (25) which is C-shaped in the cross-section and which is embedded solely into the second concrete region (39) and is oriented in the vertical direction of the structure. It has been shown that the tensile forces acting on a guide rail in an elevator shaft in particular are very low and it is therefore acceptable to secure the guide rail to a C-shaped profile which is cast solely into the second concrete region (39) layer covering a reinforcement (35). The anchor element-free C-shaped profile (25) can be arranged in the wall (3) vertically in a simple manner such that holding consoles which hold the guide rail can be secured to the profile at any height.

IPC 8 full level

B66B 19/00 (2006.01); **B66B 7/02** (2006.01); **E04B 1/41** (2006.01)

CPC (source: EP US)

B66B 7/024 (2013.01 - EP US); **B66B 11/0005** (2013.01 - US); **B66B 19/002** (2013.01 - EP US); **E04B 1/4107** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2018050469 A1 20180322; AU 2017327416 A1 20190404; AU 2017327416 B2 20201126; BR 112019003234 A2 20190618; BR 112019003234 B1 20230223; CN 109689988 A 20190426; EP 3513010 A1 20190724; EP 3513010 B1 20240710; US 11027945 B2 20210608; US 2019210839 A1 20190711

DOCDB simple family (application)

EP 2017072100 W 20170904; AU 2017327416 A 20170904; BR 112019003234 A 20170904; CN 201780056133 A 20170904; EP 17765386 A 20170904; US 201716326730 A 20170904