

Title (en)
MODULAR SELF-BEARING CONSTRUCTION OF A LIFT SHAFT

Title (de)
MODULARE SELBSTTRAGENDE KONSTRUKTION EINES AUFZUGSSCHACHTES

Title (fr)
CONSTRUCTION MODULAIRE AUTOPORTANTE D'UNE CAGE D'ASCENSEUR

Publication
EP 3587703 A3 20200325 (EN)

Application
EP 19020367 A 20190606

Priority
CZ 201800278 U 20180608

Abstract (en)
A modular, self-supporting structure of a lift shaft comprising columns (1) and crossbeams (2) fixed to each other by connecting elements (4), comprising horizontal elements (41) with openings and a body (43) provided with at least one opening, wherein in the body (43), a vertical element (42) with openings (14) is arranged (14), the vertical element (42) being provided with a reinforced portion (13) with openings (14), wherein the outer surface (431) of the body (43) is connected to the horizontal elements (41) while the inner surface (432) of the body (43) is connected to the outer surface (421) of the vertical element (42), the inner surface (422) of which is connected to the reinforced portion (13) with the openings (14).

IPC 8 full level
E04B 1/24 (2006.01); **E04F 17/00** (2006.01)

GPC (source: EP)
E04B 1/2403 (2013.01); **E04B 1/5831** (2013.01); **E04F 17/005** (2013.01); **E04B 2001/2418** (2013.01); **E04B 2001/2421** (2013.01); **E04B 2001/2451** (2013.01); **E04B 2001/246** (2013.01); **E04B 2001/5856** (2013.01)

Citation (search report)

- [Y] WO 9520082 A1 19950727 - HIGGINS GREGORY J [US]
- [Y] US 5678375 A 19971021 - JUOLA TUOMO [FI]
- [Y] EP 0672475 A1 19950920 - DAIWA HOUSE IND [JP], et al

Cited by
CN111877554A; CN112962915A; CN112746672A; CN112962914A

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

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BA ME

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