

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 A2 20200101 (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  
**E04F 17/00** (2006.01); **E04B 1/24** (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 (applicant)  
CZ 30697 U1 20170518 - ZITTA MILAN [CZ]

Cited by  
CN111877554A; CN112962915A; CN112746672A; CN112962914A

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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