

Title (en)
ELEVATOR SAFETY GEAR

Title (de)
AUFZUGSSICHERHEITSGETRIEBE

Title (fr)
ENGRENAGE DE SÉCURITÉ D'ASCENSEUR

Publication
EP 3569546 A1 20191120 (EN)

Application
EP 18173259 A 20180518

Priority
EP 18173259 A 20180518

Abstract (en)
An elevator safety gear (20) comprises an engagement member (26) with an engagement face (23) extending in a longitudinal direction and configured for engaging with a guide member (14, 15) of an elevator system (2), and an opposing actuated face (25), which is inclined with respect to the longitudinal direction; an actuator member (30) comprising an actuation face (31) facing the actuated face (25) of the engagement member (26) and being inclined with respect to the longitudinal direction; and a force transfer member (28) sandwiched between the engagement member (26) and the actuator member (30). The force transfer member (28) comprises a first face (27) extending parallel to the actuated face (25) of the engagement member (26) and a second face (29) extending parallel to the actuation face (31) of the actuator member (30).

IPC 8 full level
B66B 5/18 (2006.01); **B66B 5/22** (2006.01)

CPC (source: EP)
B66B 5/18 (2013.01); **B66B 5/22** (2013.01)

Citation (search report)

- [XAI] CN 105035907 A 20151111 - HANGZHOU HUNING ELEVATOR ACCESSORIES CO LTD
- [XAI] JP 2014065591 A 20140417 - HITACHI LTD
- [XAI] JP 2015009981 A 20150119 - HITACHI LTD
- [XAI] WO 2018020572 A1 20180201 - MITSUBISHI ELECTRIC CORP [JP]
- [A] CN 207330031 U 20180508 - SHANXI DONGXUN AUTOMATION EQUIPMENT CO LTD

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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