

Title (en)
ELEVATOR SYSTEMS

Title (de)
AUFZUGSYSTEME

Title (fr)
SYSTÈMES D'ASCENSEUR

Publication
EP 3613695 A1 20200226 (EN)

Application
EP 18382622 A 20180821

Priority
EP 18382622 A 20180821

Abstract (en)
An elevator system for a wind turbine tower is provided. The elevator system comprises an elevator cabin configured to perform an up and down movement along an elevator path. The elevator path comprises a wall and an evacuation structure is attached to the wall. The elevator system further comprises a security structure pivotally mounted to the elevator cabin between a rest position in which the security structure is stowed with the elevator cabin and the elevator cabin is able to perform the up and down movement along the elevator path and an operational position in which the security structure is arranged so as to span over a distance between the elevator cabin and the evacuation structure.

IPC 8 full level
B66B 9/187 (2006.01); **B66B 5/02** (2006.01)

CPC (source: EP)
B66B 5/027 (2013.01); **B66B 9/187** (2013.01)

Citation (search report)
• [XAI] WO 03002447 A1 20030109 - HEFA AS [DK], et al
• [XA] WO 9218412 A1 19921029 - HEK FRANCE [FR]
• [XA] WO 03051755 A1 20030626 - RESGATA IND E COM LTDA [BR], et al
• [XA] CN 105473486 A 20160406 - MITSUBISHI ELECTRIC CORP
• [XA] US 1977706 A 19341023 - MCN WATTS MALCOLM S
• [A] EP 1160190 A2 20011205 - LOH KG HAILO WERK [DE]
• [A] EP 3341316 A1 20180704 - INVENTIO AG [CH]

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

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