

Title (en)
An elevator for a wind turbine tower

Title (de)
Aufzug für Windturbinenturm

Title (fr)
Ascenseur pour une tour de turbine éolienne

Publication
EP 2784017 B1 20150318 (EN)

Application
EP 13161520 A 20130328

Priority
EP 13161520 A 20130328

Abstract (en)
[origin: EP2784017A1] The invention relates to an elevator comprising a hoistway (H), an elevator car (1), a first counterweight (2a, 12a, 22a, 32a, 42a) and a second counterweight (2b, 12b, 22b, 32b, 42b), which counterweights are each connected to the elevator car (1), a first vertical guide profile (3a, 13a, 23a, 33a, 43a) arranged to guide the first counterweight (2a, 12a, 22a, 32a, 42a), a second vertical guide profile (3b, 13b, 23b, 33b, 43b) arranged to guide the second counterweight (2b, 12b, 22b, 32b, 42b), a lower platform (P1), and an upper platform (P2). The elevator comprises a plurality of vertically spaced apart horizontal bars (4), which connect said guide profiles (3a, 13a, 23a, 33a, 43a, and 3b, 13b, 23b, 33b, 43b) and which are distributed at regular intervals between the upper and lower platform (P1,P2). Said horizontal bars thereby form cross-pieces of a ladder for people to climb up or down. The invention also relates to a wind turbine tower comprising said elevator.

IPC 8 full level
B66B 7/02 (2006.01); **B66B 17/12** (2006.01)

CPC (source: EP)
B66B 7/00 (2013.01); **B66B 7/021** (2013.01); **B66B 7/022** (2013.01); **B66B 9/00** (2013.01); **B66B 17/12** (2013.01)

Cited by
CN106430031A

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)
EP 2784017 A1 20141001; EP 2784017 B1 20150318

DOCDB simple family (application)
EP 13161520 A 20130328