

Title (en)
An elevator for a wind turbine tower

Title (de)
Aufzug für Windturbinenturm

Title (fr)
Ascenseur pour une tour de turbine éolienne

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Application
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Priority
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Abstract (en)
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.

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Citation (search report)
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