

Title (en)
VERTICAL LIFT ROAD-CROSSING ELEVATOR

Title (de)
STRASSENÜBERQUERENDER VERTIKALHUBAUFZUG

Title (fr)
ASCENSEUR DE TRAVERSÉE DE ROUTE À ÉLÉVATION VERTICALE

Publication
EP 3190078 A4 20180530 (EN)

Application
EP 15837914 A 20150605

Priority
• CN 201410448885 A 20140904
• CN 2015080890 W 20150605

Abstract (en)
[origin: EP3190078A1] The present invention discloses a bridge-type vertical elevator comprising an elevator body, an elevator car configured on the inside of the elevator body, and a driving system. The elevator body comprises a horizontal elevator body and two vertical elevator bodies, the horizontal elevator body is connected to upper parts of two vertical elevator bodies and communicates with the two vertical elevator bodies. The driving system comprises a driving source, and two traction strip-rings which are rotatably configured at left and right sides of the inside of the elevator body, and are connected to left and right sides of the elevator car. The traction strip-rings are arranged from a bottom of one of the vertical elevator bodies to the horizontal elevator body then to a bottom of the other one of the vertical elevator bodies, and the driving source drives two traction strip-rings simultaneously. The bridge-type vertical elevator can run vertically and horizontally in a II-shaped route, thus pedestrians can be across over the road by taking the elevator, whereby the efficiency and safety are improved.

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CPC (source: EP)
B66B 9/00 (2013.01); **B66B 9/003** (2013.01); **B66B 11/0045** (2013.01)

Citation (search report)
• [YA] CN 202492262 U 20121017 - LUO ZHENG
• [YA] CN 201923739 U 20110810 - HANHUA HUANG
• [A] US 2014224147 A1 20140814 - SCOMPARIN TARCISCIO [IT]
• See references of WO 2016033999A1

Designated contracting state (EPC)
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