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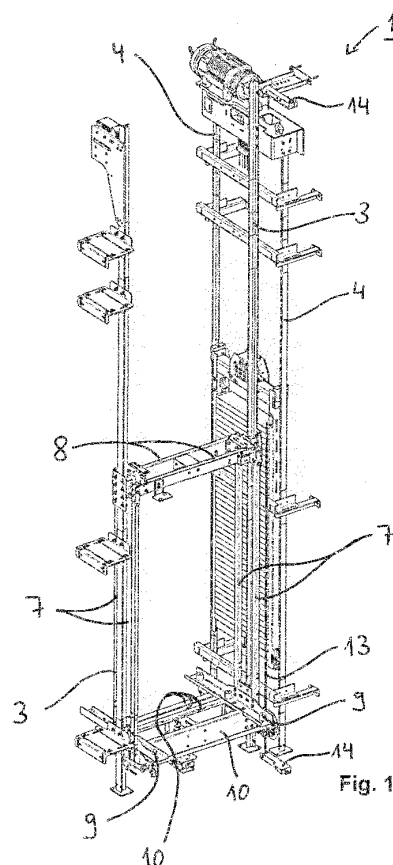
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(54) **ELEVATOR FOR PARTICULARLY SMALL ELEVATOR SHAFTS**

(57) Elevator with a car consisting of a car frame suspended from a supporting means and carrying a platform or an elevator cabin, with a counterweight suspended from the supporting means and with guide rails along which the car and the counterweight can be moved up and down in an elevator shaft, and at least one folding maintenance support, which can be brought into a vertical working position in which it defines a protective space between the car and the bottom of the shaft, and which can be brought into a horizontal rest position in which it releases the car's path until the car lands on the buffer or buffers in the shaft floor, whereas the car frame has at least one lower, horizontally extending cross beam which has at least one first recess on its lower flank which forms a free space into which the at least one maintenance support located in its horizontal rest position can be inserted.





EUROPEAN SEARCH REPORT

Application Number
EP 20 16 4681

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* figures 1,2 *	3,5-7,9,10	B66B5/00
A	-----	2,4,8,11	B66B5/28
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Y	* figures 1-5 *	5-7,9,10	B66B7/02
Y	----- EP 2 042 463 A1 (W & W AUFZUGKOMPONENTEN GMBH U [DE]) 1 April 2009 (2009-04-01)	3	B66B11/00
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A	* figure 1 *		
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		20 January 2021	Lenoir, Xavier
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		& : member of the same patent family, corresponding document	

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-3

Lower frame of the car having a recess to receive a folding maintenance support.

2. claim: 4

Speed measurement of the car with respect to a belt.

3. claims: 5-8

Elevator car having guide rails offset with respect to the center of gravity and counterweight guide rails which plan is perpendicular to the one of the car guide rails.

4. claims: 9-11

Elevator wherein the distance between the counterweight guide rails is smaller than the distance between the car guide rails, both plans of the guide rails being parallel.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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