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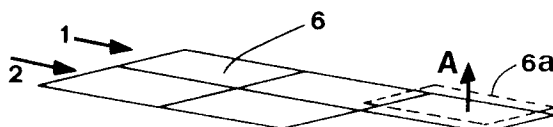
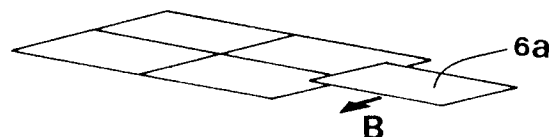
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(54) **Automated apparatus for parking cars.**

(57) The apparatus comprises longitudinal and transvers guides, defining an annular route for a plurality of platforms (6) disposed in two rows (1,2) side by side. One of the row is full, and the other one has a free space for a platform. The platforms are moved along the annular route in either direction, through a series of lateral and longitudinal translations the platforms, so as to bring either an empty platform, in phase of parking a car, or a platform bearing the car desired, in phase of taking the car back, at a loading-unloading station.

FIG. 1aFIG. 1b**EP 0 467 868 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 91 83 0318

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	US-A-4 768 914 (SING) * Abstract; figures 2,4 * ---	1,2	E 04 H 6/24
Y	US-A-3 662 905 (MIZUNO) * Abstract * -----	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			E 04 H
The present search report has been drawn up for all claims--			
Place of search THE HAGUE		Date of completion of the search 28-10-1991	Examiner VAN GESTEL H.M.
CATEGORY OF CITED DOCUMENTS 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 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 & : member of the same patent family, corresponding document			



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement 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.
- ☐ 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 has 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: 1, 2, 8, 9, 11



LACK OF UNITY OF INVENTION

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

namely:

1. Claims 1,2,8,9,11: Automatic apparatus for parking cars with a plurality of platforms moving longitudinally and transversally having tracks and wheels for translation and guiding in longitudinal direction.
2. Claims 1,3: Automatic apparatus for parking cars with a plurality of platforms moving longitudinally and transversally with a gear wheel meshing with transverse stems for transporting a platform.
3. Claims 1,4-6: Automatic apparatus for parking cars with plurality of platforms moving longitudinally and transversally with driven rollers against the bottom of the platform for transvers transport.
4. Claims 1,7: Automatic apparatus for parking cars with a plurality of platforms moving longitudinally and transversally with a recess in each frame below the first guiding means.
5. Claims 1,10: Automatic apparatus for parking cars with a plurality of platforms moving longitudinally and transversally with flexible means carrying a roller for moving the platforms.