

Title (en)
Handling apparatus for automatic warehousing.

Title (de)
Regalbediengerät.

Title (fr)
Appareil de commande pour rayonnage.

Publication
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Application
EP 93109235 A 19930608

Priority
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Abstract (en)
A handling apparatus for automatic warehousing of the type which is supported on and guided by a floor rail installed in, for example, a factory for movement along a predetermined track (5) provided in front of storage sections (2) of a rack (1). The handling apparatus (10) includes a lower frame (11), a pair of longitudinally spaced posts (12,13) extending upward from the lower frame (11), a vertically movable member (15) disposed between the posts (12,13), and a retractable handling element (17) provided on the vertically movable member (15) for entry and discharge of a load (3) relative to the rack (1). The lower frame (11) comprises a driven unit (30) carrying a wheel (18) and having a coupling portion (32) for one (12) of the posts, a drive unit (40) carrying a wheel (18) and having a coupling portion (42) for the other post (13) and a coupling portion (46) for a horizontal drive mechanism, and an intermediate unit (55) positioned between the two units (30,40). <IMAGE>

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B65G 1/04; B66F 9/07

IPC 8 full level
B66F 9/07 (2006.01)

CPC (source: EP)
B66F 9/072 (2013.01)

Citation (applicant)
JP S62290609 A 19871217 - DAIFUKU KK

Citation (search report)
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• [A] DE 2758226 A1 19780629 - MITSUBISHI HEAVY IND LTD
• [A] US 5170863 A 19921215 - DEVROY CRAIG A [US]

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