

Title (en)
Automatic terminal for drinks.

Title (de)
Automatisches Getränketerminal.

Title (fr)
Terminal automatique pour boissons.

Publication
EP 0590646 A3 19941228 (DE)

Application
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Priority
DE 4232833 A 19920930

Abstract (en)
[origin: EP0590646A2] The invention relates to a fully automatic drinks terminal for the automatic dispensing of cases of drinks. The drinks terminal has a delivery terminal (1) for pallets loaded with cases of drinks, and at least one high-shelf vehicle (2), a high shelf (3), a separating device (4), at least one sales store (5), at least one customer case vehicle (6) and at least one drinks-dispensing station (8) provided with a customer control desk (7). <IMAGE>

IPC 1-7
G07F 13/00; **G07F 7/06**; **G07F 7/00**

IPC 8 full level
B65G 1/137 (2006.01); **G07F 7/00** (2006.01); **G07F 7/06** (2006.01); **G07F 13/00** (2006.01)

CPC (source: EP)
G07F 7/0609 (2013.01)

Citation (search report)

- [PA] US 5186281 A 19930216 - JENKINS ALFRED D [US]
- [A] EP 0442000 A1 19910821 - GEBHARDT FOERDERTECHNIK GMBH A [AT]
- [A] FR 2662591 A1 19911206 - ALLARD PHILIPPE, et al
- [DA] DE 3301905 A1 19840726 - GEBHARDT FOERDERTECH [DE]

Cited by
DE102005061696B3; FR2866968A1; EP1953101A1; FR2725922A1; DE19540855A1; DE19540855C2; DE4431870A1; US5727919A; DE102009014457A1; DE102009014457B4; US7591397B2; WO0054229A1; WO9607993A1; WO2005093673A1; WO03019425A1; EP0669603B1

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