

Title (en)
CONVEYOR DEVICE

Title (de)
FÖRDEREINRICHTUNG

Title (fr)
DISPOSITIF CONVOYEUR

Publication
EP 1042204 B1 20030521 (DE)

Application
EP 98956761 A 19981209

Priority
• CH 9800526 W 19981209
• CH 296597 A 19971223

Abstract (en)
[origin: US6398016B1] A conveyor device comprising a guiding rail for guiding at least one transport mechanism. A ferromagnetic guide, including a magnet, is fixed to the guiding rail. An article carrying part is detachably connected to the transport mechanism through a magnetic circuit that flows through two spaced apart ferromagnetic guide parts carried by the transport mechanism. The ferromagnetic guide and the ferromagnetic guide parts are located relative to each other such that there is an air gap there between through which the magnetic circuit flows to create an attractive force, Fm, holding the article carrying part on the transport mechanism.

IPC 1-7
B65H 29/02

IPC 8 full level
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WO 9933732 A1 19990708; AT E240897 T1 20030615; AU 1330999 A 19990719; AU 744023 B2 20020214; BR 9814363 A 20001017; CA 2311636 A1 19990708; CA 2311636 C 20080212; DE 59808495 D1 20030626; DK 1042204 T3 20030623; EP 1042204 A1 20001011; EP 1042204 B1 20030521; JP 2001527011 A 20011225; NO 20003200 D0 20000620; NO 20003200 L 20000822; RU 2200694 C2 20030320; US 6398016 B1 20020604

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