

Title (en)

Transfer machine with independent motorized carriages and with an orientation module for such carriages.

Title (de)

Transfermaschine mit unabhängigen, motorisierten Wagen und mit einem Modul zur Richtungssteuerung solcher Wagen.

Title (fr)

Machine de transfert libre, à chariots indépendants et motorisés, et à module d'orientation de tels chariots.

Publication

**EP 0365446 B1 19940216 (FR)**

Application

**EP 89420393 A 19891016**

Priority

- FR 8814302 A 19881017
- FR 8909077 A 19890630

Abstract (en)

[origin: EP0365446A1] - Transfer machines. <??>- Transfer machine characterised in that: . the circulation path comprises at least two segments (S1, S2) together forming a given angle ( alpha ) and, between its segments, an orientation module (13) for the carriages, . and each carriage (5) comprises at least one lateral group (25) of pivoting rollers located on the median transverse axis (z) of the carriage and intended to interact with the lateral guide slide. <??>- Application to transfer machines with free and motorised carriages. <IMAGE>

IPC 1-7

**B61C 11/00; B61B 13/00**

IPC 8 full level

**B23Q 39/04** (2006.01); **B23Q 41/02** (2006.01); **B61B 13/00** (2006.01); **B61C 11/00** (2006.01)

CPC (source: EP US)

**B61B 13/00** (2013.01 - EP US); **B61C 11/00** (2013.01 - EP US)

Cited by

US5272985A; WO9117018A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0365446 A1 19900425; EP 0365446 B1 19940216; DE 68913131 D1 19940324; JP H02145244 A 19900604; US 5044283 A 19910903**

DOCDB simple family (application)

**EP 89420393 A 19891016; DE 68913131 T 19891016; JP 26827689 A 19891017; US 42195589 A 19891016**