

Title (en)
Horizontal transport system

Title (de)
Horizontales Transportsystem

Title (fr)
Système de transport horizontal

Publication
EP 1123761 A3 20030917 (DE)

Application
EP 00128237 A 20001227

Priority
DE 10005827 A 20000210

Abstract (en)
[origin: CA2331281A1] A transfer system provided, in particular, for multi-stage presses for large components is distinguished by a favorable design with a low moving mass and allows large transporting steps. By the regulation of 2 stationary drives both in the direction of rotation in relation to one another and in the rotational speed, it is possible to realize all desired traveling curves in one plane. A straightforward construction makes possible a cost-effective, modular solution for a highly dynamic transfer system.

IPC 1-7
B21D 43/05

IPC 8 full level
B21D 43/05 (2006.01)

CPC (source: EP US)
B21D 43/05 (2013.01 - EP US)

Citation (search report)

- [XA] GB 2086285 A 19820512 - WEINGARTEN AG MASCHF
- [XA] EP 0658403 A1 19950621 - COMAU SPA [IT]
- [XPD] DE 19911795 A1 20000921 - MUELLER WEINGARTEN MASCHF [DE]
- [AD] EP 0693334 A1 19960124 - MUELLER WEINGARTEN MASCHF [DE]
- [AD] EP 0621093 A1 19941026 - MUELLER WEINGARTEN MASCHF [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 217 (M - 0970) 8 May 1990 (1990-05-08)

Cited by
DE102007051037B3; EP4295968A1; CN108674939A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1123761 A2 20010816; EP 1123761 A3 20030917; EP 1123761 B1 20050202; BR 0100460 A 20010911; BR 0100460 B1 20090113; CA 2331281 A1 20010810; CA 2331281 C 20080819; DE 10064930 A1 20010816; DE 50009416 D1 20050310; ES 2235757 T3 20050716; US 2001014279 A1 20010816; US 7040853 B2 20060509

DOCDB simple family (application)
EP 00128237 A 20001227; BR 0100460 A 20010208; CA 2331281 A 20010117; DE 10064930 A 20001223; DE 50009416 T 20001227; ES 00128237 T 20001227; US 77163701 A 20010130