

Title (en)

Transfer drive for a press

Title (de)

Transferantrieb für eine Presse

Title (fr)

Entraînement d'un mécanisme de transfert pour une presse

Publication

EP 1072335 B1 20031217 (DE)

Application

EP 00113329 A 20000623

Priority

- DE 19934460 A 19990727
- DE 10012022 A 20000311

Abstract (en)

[origin: EP1072335A2] The transfer drive is part of a press with three-axis transportation of workpieces through processing points. It has two parallel grip rails with a forwarding mechanism for horizontal longitudinal movement and a stroke mechanism for up and down movement. The grip rails are suspended from a linked rod arrangement (7, 8, 11, 12) with a three-axis guide.

IPC 1-7

B21D 43/05; **B21J 13/08**

IPC 8 full level

B21D 43/05 (2006.01); **B21J 13/08** (2006.01); **B21K 27/00** (2006.01)

CPC (source: EP US)

B21D 43/055 (2013.01 - EP US); **B21J 13/08** (2013.01 - EP US); **B21K 27/00** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1072335 A2 20010131; **EP 1072335 A3 20011107**; **EP 1072335 B1 20031217**; CZ 20002645 A3 20010912; CZ 297659 B6 20070228; ES 2212942 T3 20040816; US 6338264 B1 20020115

DOCDB simple family (application)

EP 00113329 A 20000623; CZ 20002645 A 20000718; ES 00113329 T 20000623; US 62595900 A 20000726