

Title (en)

Device for transferring workpieces between processing stations

Title (de)

Vorrichtung zum Transfer von Werkstücken durch eine Folge von Bearbeitungsstationen

Title (fr)

Dispositif permettant de transférer des pièces dans une série de postes de travail

Publication

EP 0728543 B1 19990120 (DE)

Application

EP 96102235 A 19960215

Priority

DE 19506078 A 19950222

Abstract (en)

[origin: EP0728543A1] There are two parallel transporting rails (2) which can be moved horizontally and vertically by motors (12, 13). Each rail is linked to a coupling rod (14) for a horizontal motion. Traverses (7) are each in working engagement with at least one rail by means of at least one of the coupling rods. The traverses can be moved by an auxiliary transverse drive (9). This is driven synchronously with the drive motors for the horizontal movement of the rails towards each other. These drive motors are in a lock casing in the press. The transverse drive may have a torque transmission device (11) to move the traverses.

IPC 1-7

B21D 43/05

IPC 8 full level

B21D 43/05 (2006.01); **B30B 15/30** (2006.01)

CPC (source: EP US)

B21D 43/055 (2013.01 - EP US)

Cited by

US8505710B2; US7448489B2; WO2007051450A1; WO2008104514A1; WO2005072888A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0728543 A1 19960828; **EP 0728543 B1 19990120**; CZ 285528 B6 19990811; CZ 50396 A3 19961211; DE 19506078 A1 19960829; DE 59601162 D1 19990304; ES 2129900 T3 19990616; US 5802967 A 19980908

DOCDB simple family (application)

EP 96102235 A 19960215; CZ 50396 A 19960220; DE 19506078 A 19950222; DE 59601162 T 19960215; ES 96102235 T 19960215; US 60563096 A 19960222