

Title (en)  
Flexible transfer device for presses

Title (de)  
Flexible Transfereinrichtung für Pressen

Title (fr)  
Dispositif de transfert flexible pour presses

Publication  
**EP 0715911 B1 20010919 (DE)**

Application  
**EP 95117212 A 19951102**

Priority  
DE 4443546 A 19941207

Abstract (en)  
[origin: EP0715911A1] The drive units for the lifting and closing movements are located on the inside faces of the press stands (1) or on the side of the slide table (22). The units have a raisable lifting carriage (5), which carries a closing carriage (9) moving in direction of the longitudinal press line axis. The two closing carriages of each press side are connected via secondary beams (16) extending through the tool space of the press. Primary beams move along the secondary beams in separate drives. The primary beams are selectively connected via quick-action locking devices to grab or suction rails (21) for three or two-dimensional part transportation at right angles to the longitudinal press line axis, or to suction rails for two dimensional transport along that axis.

IPC 1-7  
**B21D 43/05**

IPC 8 full level  
**B21D 43/05** (2006.01)

CPC (source: EP)  
**B21D 43/052** (2013.01); **B21D 43/055** (2013.01)

Cited by  
CN115922827A; CN105129394A; DE10336700B4; WO2023104242A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0715911 A1 19960612; EP 0715911 B1 20010919; DE 4443546 A1 19960613; DE 59509615 D1 20011025; ES 2160657 T3 20011116**

DOCDB simple family (application)  
**EP 95117212 A 19951102; DE 4443546 A 19941207; DE 59509615 T 19951102; ES 95117212 T 19951102**