

Title (en)
Transfer arrangement for presses

Title (de)
Transferanordnung an einer Presse

Title (fr)
Dispositif de transfert pour presses

Publication
EP 0694350 B1 19990324 (DE)

Application
EP 95810446 A 19950706

Priority
CH 240594 A 19940729

Abstract (en)
[origin: EP0694350A1] The transport bars (1) are located on the side of the tool, and the grippers (2, 3) for the workpieces (4) run along the bars. The grippers can be moved cyclically forward and backward in the longitudinal and lateral directions. Magnets (6) are located in the grippers to lift the work pieces from one work station to the next during transportation. <IMAGE>

IPC 1-7
B21D 43/10; **B21D 43/05**

IPC 8 full level
B21D 43/05 (2006.01); **B21D 43/10** (2006.01); **B21D 43/18** (2006.01); **B30B 13/00** (2006.01)

CPC (source: EP US)
B21D 43/055 (2013.01 - EP US); **B21D 43/10** (2013.01 - EP US)

Citation (examination)
DE 3320830 A1 19841213 - SCHOEN HANS

Cited by
CN109592309A; WO0020305A1; WO2020178138A1; US11833569B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0694350 A1 19960131; **EP 0694350 B1 19990324**; CH 688647 A5 19971231; CN 1061602 C 20010207; CN 1124199 A 19960612; DE 59505416 D1 19990429; JP H0857562 A 19960305; TW 290495 B 19961111; US 5607281 A 19970304

DOCDB simple family (application)
EP 95810446 A 19950706; CH 240594 A 19940729; CN 95108697 A 19950728; DE 59505416 T 19950706; JP 19206795 A 19950727; TW 84106485 A 19950624; US 50773695 A 19950726