

Title (en)
Convertible multistage press

Title (de)
Umrüstbare Mehrstationenpresse

Title (fr)
Presse à étages transformable

Publication
EP 0773078 B1 20020410 (DE)

Application
EP 96117995 A 19961109

Priority
DE 19542203 A 19951113

Abstract (en)
[origin: EP0773078A1] The press has a number of successive press stations (11) between which the workpiece is transported via a transfer device having at least 2 transport rails (41) extending in the transport direction and an associated drive. The transport rails are fitted with spaced carriers (51) provided with grippers engaging the workpiece. It has a reception device (69) holding a second carrier at a given spacing from a first carrier which is less than the spacing of the transport rails.

IPC 1-7
B21D 43/05

IPC 8 full level
B21D 21/00 (2006.01); **B21D 35/00** (2006.01); **B21D 43/05** (2006.01); **B23Q 41/00** (2006.01)

CPC (source: EP US)
B21D 43/057 (2013.01 - EP US); **Y10T 29/5124** (2015.01 - EP US); **Y10T 483/10** (2015.01 - EP US)

Cited by
EP1366834A1; EP1063031A3; WO2023116967A1

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

DOCDB simple family (publication)
EP 0773078 A1 19970514; **EP 0773078 B1 20020410**; CZ 334596 A3 19970514; DE 19542203 A1 19970515; DE 59609047 D1 20020516; ES 2172619 T3 20021001; US 5771561 A 19980630; US 5868655 A 19990209

DOCDB simple family (application)
EP 96117995 A 19961109; CZ 334596 A 19961113; DE 19542203 A 19951113; DE 59609047 T 19961109; ES 96117995 T 19961109; US 6335498 A 19980421; US 74858196 A 19961113