

Title (en)

INTERMEDIATE WORK PIECE SUPPORT IN A TRANSFER PRESS

Publication

EP 0155332 B1 19880824 (DE)

Application

EP 84103029 A 19840320

Priority

EP 84103029 A 19840320

Abstract (en)

[origin: US4641515A] An intermediate storage in a press in which intermediate storages are to be provided within the area of idling stages thereof. The intermediate storages include storage templates matched to the shape of the bottom side of the workpieces which are adapted to be liftable in the vertical direction by way of lifting means. The lifting means may thereby act on the storage templates in the sense of a lifting movement, for example, by way of intermediate members displaceable by a motor-driven spindle, which act on the storage templates in the sense of a lifting movement by way of counter-abutment surfaces disposed at the ends of the storage templates.

IPC 1-7

B21D 43/05

IPC 8 full level

B21D 43/05 (2006.01)

CPC (source: EP US)

B21D 43/057 (2013.01 - EP US)

Cited by

FR3012060A1; DE102013223252A1; DE102013223252B4; DE4122074A1; DE4122074C2; DE4004299A1; EP0383168A3

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0155332 A1 19850925; EP 0155332 B1 19880824; BR 8501137 A 19851112; DE 3473574 D1 19880929; US 4641515 A 19870210

DOCDB simple family (application)

EP 84103029 A 19840320; BR 8501137 A 19850314; DE 3473574 T 19840320; US 71008985 A 19850311