

Title (en)

Transfer device in a forming machine, in particular in a transferpress

Title (de)

Umsetzvorrichtung in einer Umformmaschine, insbesondere einer Transferpresse

Title (fr)

Dispositif de transfert dans une machine de formage, en particulier dans une presse de transfert

Publication

EP 0685276 B1 19980902 (DE)

Application

EP 95107533 A 19950518

Priority

DE 4418417 A 19940526

Abstract (en)

[origin: EP0685276A1] The arrangement comprises a cam drive which engages with pushrods to which carriages (2,15) are linked. These carriages run on transfer rails while two carriages at opposite sides are interconnected by a cross traverse (12). The traverse is connected to the carriages via raising and lowering arrangements (1). Each lowering and raising arrangement has its own drive (6) which moves a link block running in a slot, via a torque transmission mechanism in the form of a toothed belt drive or a recirculating ball spindle. <IMAGE>

IPC 1-7

B21D 43/05

IPC 8 full level

B21D 43/05 (2006.01)

CPC (source: EP KR US)

B21D 43/05 (2013.01 - KR); **B21D 43/052** (2013.01 - EP US); **B21D 43/055** (2013.01 - EP US)

Cited by

EP4201551A1; DE10162282A1; DE10162282B4; EP3978157A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 4418417 A1 19951130; CN 1081962 C 20020403; CN 1128965 A 19960814; CZ 339695 A3 19960717; DE 59503406 D1 19981008; EP 0685276 A1 19951206; EP 0685276 B1 19980902; ES 2123857 T3 19990116; KR 100346866 B1 20021114; KR 960703689 A 19960831; US 5727416 A 19980317; WO 9532822 A1 19951207

DOCDB simple family (application)

DE 4418417 A 19940526; CN 95190476 A 19950526; CZ 339695 A 19950526; DE 59503406 T 19950518; DE 9500712 W 19950526; EP 95107533 A 19950518; ES 95107533 T 19950518; KR 19960700369 A 19960124; US 58691096 A 19960513