

Title (en)

Transfer press or like machine tool

Title (de)

Transferpresse o.dgl. Umformmaschine

Title (fr)

Presse de transfert ou machine outil analogue

Publication

**EP 0596489 B1 19960117 (DE)**

Application

**EP 93117890 A 19931104**

Priority

DE 4237312 A 19921105

Abstract (en)

[origin: EP0596489A1] The transfer press or similar forming machine is provided with a transfer device with holding means for grasping and transferring sheet-metal parts. During the transfer movement of the sheet-metal parts from processing stage to processing stage, the sheet-metal parts are deposited temporarily on an intermediate support. According to the invention, the intermediate support travels part 17 of the way so that the movement (13, 14) of the holding means is smaller than half the distance between the processing stages. <IMAGE>

IPC 1-7

**B21D 43/05**

IPC 8 full level

**B21D 43/05** (2006.01); **B30B 15/30** (2006.01); **B65G 25/02** (2006.01)

CPC (source: EP US)

**B21D 43/05** (2013.01 - EP US); **B21D 43/057** (2013.01 - EP US)

Cited by

DE19647501B4; DE102007019899A1; DE102007019899B4; US7841274B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0596489 A1 19940511**; **EP 0596489 B1 19960117**; CZ 234493 A3 19940518; CZ 284744 B6 19990217; DE 4237312 A1 19940511; DE 59301459 D1 19960229; ES 2083816 T3 19960416; US 5363683 A 19941115

DOCDB simple family (application)

**EP 93117890 A 19931104**; CZ 234493 A 19931103; DE 4237312 A 19921105; DE 59301459 T 19931104; ES 93117890 T 19931104; US 14753693 A 19931105