

Title (en)

Press with transfer arrangement for metal sheets

Title (de)

Presse mit einer Umsetzeinrichtung für Blechteile

Title (fr)

Presse avec dispositif de transfert de tôles

Publication

**EP 0597387 B1 19990127 (DE)**

Application

**EP 93117888 A 19931104**

Priority

DE 4237315 A 19921105

Abstract (en)

[origin: US5385040A] A transfer device in a press line has traverses which are situated transversely with respect to the workpiece passage and can be adjusted in the horizontal and vertical direction, and which support sheet metal parts placed on them. The traverses are fastened on toothed belts are movable in guide strips on deflecting rollers by servomotors.

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 43/052** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**DE 4237315 A1 19940511**; CZ 234293 A3 19940518; CZ 284709 B6 19990217; DE 59309342 D1 19990311; EP 0597387 A1 19940518; EP 0597387 B1 19990127; ES 2130203 T3 19990701; US 5385040 A 19950131

DOCDB simple family (application)

**DE 4237315 A 19921105**; CZ 234293 A 19931103; DE 59309342 T 19931104; EP 93117888 A 19931104; ES 93117888 T 19931104; US 14728993 A 19931105