

Title (en)

Driving device for the ram of a forming press

Title (de)

Antriebsvorrichtung für einen Pressenstößel einer Umformpresse

Title (fr)

Dispositif d'entraînement pour le coulisseau d'une presse de formage

Publication

**EP 0834359 A3 20000726 (DE)**

Application

**EP 97116876 A 19970929**

Priority

DE 19640439 A 19960930

Abstract (en)

[origin: DE19640439C1] The drive movement of the press ram (7) is derived without a crank shaft directly from an eccentric body (5) in the form of an eccentric disc connected to the planetary wheel gear (1-4). A gear element (3,4) of the planetary wheel gear is connected to the eccentric body which supports at least one coupling element (6) for driving the press ram. The eccentric disc is connected to the planetary wheel support (4) or an annular wheel (3) of the planetary wheel gear which has an extra drive (11,12) for varying the speed of the press ram.

IPC 1-7

**B21J 9/18**; **B30B 1/26**

IPC 8 full level

**B21J 9/18** (2006.01); **B30B 1/26** (2006.01)

CPC (source: EP)

**B21J 9/18** (2013.01); **B30B 1/266** (2013.01)

Citation (search report)

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- [XD] WO 9325330 A1 19931223 - HASENCLEVER MASCHF SMS [DE], et al
- [XA] DE 4309785 A1 19940929 - KAISER HEINZ [DE]
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Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 19640439 C1 19980108**; EP 0834359 A2 19980408; EP 0834359 A3 20000726

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