

Title (en)

PRESS DRIVE DEVICE FOR A PRESS, AND PRESS COMPRISING A PRESS DRIVE DEVICE

Title (de)

PRESSENANTRIEBSVORRICHTUNG FÜR EINE PRESSE UND PRESSE MIT PRESSENANTRIEBSVORRICHTUNG

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT DE PRESSE DESTINÉ À UNE PRESSE ET PRESSE COMPRENANT UN DISPOSITIF D'ENTRAÎNEMENT DE PRESSE

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Application

EP 15775236 A 20151008

Priority

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Abstract (en)

[origin: WO2016062546A1] The invention relates to a press drive device (21) for a press (10), comprising a connecting rod (49) that has an input end (48) and an output end (50). The output end (50) is preferably coupled to a ram (11) via a press gear unit. A drive shaft (35) is mounted so as to be rotatable about a shaft axis W and includes a connecting rod bearing (46) that is eccentric in relation to the shaft axis W. A drive unit (77) comprising a driving motor (30) and a planetary gear set (76) is used for driving the drive shaft (35). For this purpose, a gear output (79) is connected in a rotationally fixed manner to the drive shaft (35), and a gear input (78) is connected in a rotationally fixed manner to a motor shaft (73). The driving motor (30) comprises a rotor (66) that is connected in a rotationally fixed manner to the motor shaft (73) via a rotor hub (67). The rotor (66) is hollow cylindrical and is concentric to the motor shaft (73). This creates mounting space located between the motor shaft (73) and the rotor (66) and designed to arrange a braking device (31) therein.

IPC 8 full level

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CPC (source: CN EP US)

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