

Title (en)

DEVICE FOR STAMPING BY MAGNETIC FORMING AND ASSOCIATED METHOD

Title (de)

VORRICHTUNG ZUM STANZEN DURCH MAGNETISCHES FORMEN UND ZUGEHÖRIGES VERFAHREN

Title (fr)

DISPOSITIF D'EMBOUTISSAGE PAR MAGNÉTO-FORMAGE ET PROCÉDÉ ASSOCIÉ

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Application

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Abstract (en)

[origin: WO2018134271A1] The invention relates to a device (10) for stamping a blank (50) in order to produce a stamped part. The device includes a punch (21) including a bearing surface (211), an anvil (22), and means for generating a magnetic field (34). The stamping device being configured, in an initial position, so that: the bearing surface (211) of the punch (21) is intended for receiving a portion of a first surface (51) of the blank (50); the anvil and the means for generating a magnetic field are intended for being arranged on either side of another portion of the blank, with the anvil (22) facing the first surface (51), and the means for generating a magnetic field facing a second surface (52) opposite the first surface. The means for generating a magnetic field (34) are capable of applying a pressure on the blank (50) towards the anvil, in a direction ZZ'. The stamping device also includes movement means (23) arranged to move the punch (21), relative to the means for generating a magnetic field (34), in a direction opposite the direction ZZ'.

IPC 8 full level

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