

Title (en)

DROP FORGING METHOD AND FORGING DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM GESENKSCHMIEDEN UND SCHMIEDEVORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE FORGE ET D'ESTAMPAGE, ET DISPOSITIF D'ESTAMPAGE POUR LA MISE EN OEUVRE DE CE PROCEDE

Publication

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Application

EP 04819698 A 20041201

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Abstract (en)

[origin: WO2005053874A2] The invention relates a drop forging method by means of a forging device (1) provided with a hammer and a forging die (9), wherein a part (T) placed in the forging die (9) is shaped with a hammer blow, several engravings (a, b, c, d) are formed in the die (9), a blank (R) is initially inserted into the first engraving (a) and said blank is moved along the other engravings (b, c, d) to the last engraving (e), and then said blank picked up during shaping by a forging gripper. In order to obtain an optimum operating mode, the invention is characterised in that the part (T) is received in a plurality of engravings (a, b, c, d) with each hammer blow. In order to obtain a symmetrical distribution of the hammer load between occupied and non-occupied engravings, the parts (T) are gripped respectively during shaping by the forging grippers. After each hammer blow, a successive displacement of the parts (T) is carried out in the other engravings by removing the part (T) from the last engraving (e) or from the last but one by an engraving occupied by a part and a blank (R) is inserted in the first engraving (a) to be occupied.

IPC 8 full level

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