

Title (en)

Method and tool for punching and/or forming

Title (de)

Verfahren und Werkzeug zum Stanzen und/oder Formen

Title (fr)

Méthode et outillage de poinçonnage et/ou de formage

Publication

**EP 1632297 B1 20100127 (DE)**

Application

**EP 04104224 A 20040902**

Priority

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Abstract (en)

[origin: EP1632297A1] The stamping or forging process involves producing at least two kinds of holes in blanks in two steps: forging the part (1) from the blank; and perforating the part by means of the perforating tool (10). This is also done in two steps, in each of which part of the total perforations are made, so that the perforated part is completed after the second step. In the first step, the perforating tool holds the party in position for the subsequent perforation step.

IPC 8 full level

**B21D 28/34** (2006.01); **B21D 28/24** (2006.01); **B21K 1/30** (2006.01); **B23P 15/14** (2006.01)

CPC (source: EP US)

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Cited by

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