

Title (en)

Cutting die for producing openings in a workpiece made of thermoplastic material

Title (de)

Stanzwerkzeug zur Herstellung von Durchbrüchen in Werkstücken aus thermoplastischem Material

Title (fr)

Outil de poinçonnage pour produire des ouvertures dans une pièce en matériau thermoplastique

Publication

**EP 1170099 A3 20031015 (DE)**

Application

**EP 01108679 A 20010406**

Priority

DE 10032458 A 20000704

Abstract (en)

[origin: EP1170099A2] The plunger has a cutter blade (2) running round the end side and engaging with a cutter plate in one operating stroke. A passage is cut through the workpiece between the blade and cutter plate by means of a heatable stamp (1) belonging to the cutting punch. The v-shaped blade runs round the end side of the plunger. The outline (3) of the V-shaped blade has a radial-shaped transition (4).

IPC 1-7

**B26F 1/44**

IPC 8 full level

**B26D 7/10** (2006.01); **B26F 1/44** (2006.01)

CPC (source: EP)

**B26D 7/10** (2013.01); **B26F 1/44** (2013.01); **B26F 1/40** (2013.01); **B26F 2001/4472** (2013.01)

Citation (search report)

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