

Title (en)

Method and tool for producing without cutting a notch in a workpiece and workpiece with such notch

Title (de)

Verfahren und Werkzeug zur spanlosen Herstellung von Werkstücken mit einer Kerbe und Werkstück mit einer Kerbe

Title (fr)

Procédé et dispositif pour produire sans enlèvement de matière une encoche dans une pièce et pièce avec une telle encoche

Publication

**EP 1741497 A2 20070110 (DE)**

Application

**EP 06012029 A 20060612**

Priority

DE 102005027584 A 20050614

Abstract (en)

The tool includes a punch (2) and a die. The die has a web (4) in the region of the groove field (6), and a recess (5a, 5b) in the region of the transition from the groove field to at least one side surface. The workpiece (1) produced by the too. has a groove extending at least from top to bottom. The groove should be to a depth of up to 50% of the thickness of the tool, the deeper the better.

IPC 8 full level

**B21D 17/00** (2006.01); **B21D 22/04** (2006.01)

CPC (source: EP)

**B21D 17/025** (2013.01)

Citation (applicant)

US 2005016248 A1 20050127 - ISHIKAWA HIYOSHI [JP], et al

Cited by

DE102008047531C5; DE102010064068A1; US9132470B2

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DOCDB simple family (publication)

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