

Title (en)

METHOD OF FINE-CUTTING WORK PIECES, AND FINE-CUTTING TOOL FOR CARRYING OUT THE METHOD

Publication

EP 0131770 B1 19870902 (DE)

Application

EP 84106900 A 19840616

Priority

DE 3324680 A 19830708

Abstract (en)

[origin: US4586360A] Fine die stamping of workpieces from sheet metal is effected by clamping the workpiece between a die plate and guide plate, supporting the portion of the material to form the article by an ejector which is displaced along with the punch, and driving the supported portion of the material into a hole in the die plate having flanks tapered away from the guide plate and punch so that swaging occurs on the separated portion with or upon its separation from the balance of the workpiece material.

IPC 1-7

B21D 28/16

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102013015180A1; DE102016002538A1; JP2015054351A; EP2263812A1; EP0325947A3; CN103212635A; FR2803781A1; EP2208552A1; EP3210688A1; US9676021B2; WO2013029971A1; EP2848329A1; US9919353B2; DE102016002538B4

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