

Title (en)

DEVICE FOR THE AUTOMATIC MANUFACTURE OF A CUTTING DIE HAVING A SHARP CUTTING EDGE

Publication

**EP 0318607 A3 19890823 (DE)**

Application

**EP 87117731 A 19871201**

Priority

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Abstract (en)

[origin: EP0318607A2] A device for the automatic manufacture of a cutting die having a sharp cutting edge, in particular for label cutting appliances, from a cutting body provided with a raised ridge. To avoid the hitherto manual finishing of the ridge produced by etching or in another way, a largely automatically working device is proposed which has a support (6) for the cutting body, a tool (56) with a roof-shaped notch facing the support (6), a first drive device (64) for the automatic reciprocating movement of the tool (56) in the direction of the support (6), and further drive devices (15, 37, 51, 62) intended for producing relative movements between the support (6) and the tool (56), by means of which the tool (56) can be automatically guided along the ridge (22) (Fig. 1). <IMAGE>

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IPC 8 full level

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Citation (search report)

- [A] US 1523356 A 19250113 - HALLECK FRANK A
- [A] US 4074595 A 19780221 - SAUER LOUIS E, et al
- [A] US 1560861 A 19251110 - CHARLES RIVAGE
- [A] US 3707087 A 19721226 - NEILSEN HILDAUR L
- [A] DE 1802322 A1 19700723 - STUMPP & SCHUELE KG

Cited by

CN107876885A; CN103170534A; CN107891188A; WO2007082197A1

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