

Title (en)  
PAPER PUNCH WITH AN INTEGRAL WASTE RECEPTACLE

Publication  
**EP 0318650 B1 19920415 (DE)**

Application  
**EP 88114733 A 19880909**

Priority  
DE 3740425 A 19871128

Abstract (en)  
[origin: EP0318650A2] The hole punch has a punch bottom part (10), provided with bent down side edges (12), and a waste receptacle (14) which is detachably fixed to the punch bottom part from below. The waste receptacle (14), composed of flexible plastic material, can swing down, at its rear part (24), away from the punch bottom part (10) about a neutral axis (22) parallel to the front edge (20) and has side walls (16', 16'') interrupted in the region of the neutral axis (22). To avoid operating errors due to inadvertent removal of the entire waste receptacle (14) during the emptying process, the waste receptacle (14) and the punch bottom part (10) have, in the region between the neutral axis (22) and the front edge (20), a positive connection (38, 40) which is retained when the rear waste-receptacle part (24) is detached and swings down away from the punch bottom part (10). <IMAGE>

IPC 1-7  
**B26F 1/36**

IPC 8 full level  
**B26F 1/32** (2006.01); **B26F 1/36** (2006.01); **B26D 7/01** (2006.01)

CPC (source: EP)  
**B26F 1/36** (2013.01); **B26D 7/015** (2013.01)

Citation (examination)  
DE 1888221 U

Cited by  
DE102007027818A1; GB2384735A; GB2384735B; EP1950014A1; DE102007027818B4; WO9951406A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0318650 A2 19890607; EP 0318650 A3 19901205; EP 0318650 B1 19920415**; AT E74814 T1 19920515; DE 3740425 A1 19890615; DE 3870168 D1 19920521; JP H01159200 A 19890622; JP H0755478 B2 19950614

DOCDB simple family (application)  
**EP 88114733 A 19880909**; AT 88114733 T 19880909; DE 3740425 A 19871128; DE 3870168 T 19880909; JP 28150088 A 19881109