

Title (en)

Waste removing apparatus for use in punching machine for manufacturing carton.

Title (de)

Ausbrechwerkzeug für Stanzmaschinen zur Herstellung von Kartonagezuschnitten.

Title (fr)

Dispositif de décorticage pour machines de découpage de cartons.

Publication

EP 0641632 A2 19950308 (EN)

Application

EP 94113390 A 19940826

Priority

JP 21977893 A 19930903

Abstract (en)

A waste removing apparatus, for use in a punching machine for manufacturing a carton, for separating from each other a waste region (17) of a sheet and a product region (18) of the sheet having a punching line (12) comprising a cut-out portion (19) and a remaining portion (20) formed thereon and inserted between an upper die (11) and a lower die (12) which are approached to each other, by pressing down the waste region and tearing the remaining portion by means of a punching member (13) projecting downward from one of the dies so as to remove the waste region from the sheet. A plurality of grooves (30) is formed on a surface (26a) of the punching member to be brought into contact with a surface of the waste region to form pressing portions (31) between the grooves at regular intervals. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

CN106695983A; CN104924352A; FR2890324A1; EP1312449A3; FR2787053A1; FR2827804A1; EP1378330A1; FR2765135A1; EP1679163A1; FR2880576A1; CN102699955A; US6997363B1; WO9823418A1; WO9951405A1

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