Title (en)

FEEDING DEVICE FOR ADHESIVE STRIPS IN BINDING MACHINES FOR CONTINUOUS FORM SETS

Publication

EP 0276199 B1 19920617 (FR)

Application

EP 88830025 A 19880121

Priority

IT 930687 A 19870122

Abstract (en)

[origin: EP0276199A2] The feed mechanism is for the glued points on a ribbon in a machine binding continuous bundles of tabulator print-outs, having a toothed ring (4) inserting the front part of each point (3) in a hole in the bundle margin (5), while a pair of rollers (6,6') feed the continuous bundles forward and secure the front part below the bottom printed sheet. A pair of rollers (14,14') on horizontal axes one above the other and parallel to the direction of movement of the sheets index the glued ribbon (16) forward from a storage roll (18), being driven by a ratchet mechanism (33,34,35) with cam (30). A head (21) rotates in a vertical plane above the margin holes, and has an eccentric knife (28) and a concentric surface (28') parting off the ribbon and retracting part of the binding. This works opposite a rubber-covered roller (39) lifting the sheets and is rotated in synchronism with movement of the latter and with the ribbon. The roller is also lifted in synchronism with rotation of the head.

IPC 1-7

B42C 3/00; B65H 37/04

IPC 8 full level

B42C 3/00 (2006.01); **B65H 37/04** (2006.01)

CPC (source: EP US)

B42C 3/00 (2013.01 - EP US); **B65H 37/04** (2013.01 - EP US); B65H 2301/43151 (2013.01 - EP US); Y10T 156/1322 (2015.01 - EP US); Y10T 156/133 (2015.01 - EP US); Y10T 156/1343 (2015.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

EP 0276199 A2 19880727; **EP 0276199 A3 19900307**; **EP 0276199 B1 19920617**; AT E77308 T1 19920715; DE 3871963 D1 19920723; DE 3871963 T2 19930107; ES 2034373 T3 19930401; GR 3005627 T3 19930607; IT 1207824 B 19890601; IT 8709306 A0 19870122; US 4959046 A 19900925

DOCDB simple family (application)

EP 88830025 A 19880121; AT 88830025 T 19880121; DE 3871963 T 19880121; ES 88830025 T 19880121; GR 920401955 T 19920907; IT 930687 A 19870122; US 21142988 A 19880624