

Title (en)
MACHINE FOR MAKING PAPER BOOKLETS

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Application
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Priority
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Abstract (en)
[origin: EP0272048A1] In a machine for making paper booklets from a multiplicity of paper strips on bobbins that are converged into a continuously advancing strand a reciprocating cutting station (25) defined by leading and trailing plates (27, 28) performs the operations of firstly clamping the strand while the station (25) moves with the strand and secondly of cutting off booklet lengths of paper by means of a knife (156). Cut booklets are ejected into a discharge chute (32) by ejection means (200) including an ejector bar (211) terminating a thrust plate (214). According to the invention the ejection means (200) is separated from the cutting station (25) and is fixedly located opposite to the chute (32). Connection between the cutting station (25) and the ejection means (200) is established by a common rotating hexagonal shaft (76) which is operably connected to clamping and cutting mechanisms of the station (25) and which carries a pair of cams (207, 208) that actuate the ejector (211) through a parallelogram linkage. By this means the motion of the ejector (211) can be gradual rather than abrupt, the machine is easier to set up, and the ejector thrust plate (214) can span substantially the full width of chute (32) so that the likelihood of cut booklets becoming misplaced is reduced.

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IPC 8 full level
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