

Title (en)  
Longitudinal perforating device for paper printing and/or processing machines

Title (de)  
Vorrichtung zum Längsperforieren für Drucker und/oder Papierverarbeitungsmaschinen

Title (fr)  
Dispositif de perforation longitudinale pour imprimantes et/ou machines pour le traitement du papier

Publication  
**EP 0739694 A1 19961030 (EN)**

Application  
**EP 96830233 A 19960424**

Priority  
IT FI950078 A 19950424

Abstract (en)  
A device (4) for the intermittent, longitudinal perforation of a continuous web of paper (1) which moves across a longitudinal perforation group (2) comprising a countersupport roller (3). The group also comprises a circular tool (5) with a sharp, toothed edge which is mounted in a rotatable manner on a support (7) and is suited to roll on the roller (3), producing a longitudinal perforation (6) on the paper (1). The support (7) is able to simultaneously carry out a translation movement along the bar and a rotation movement with respect to the bar's axis. The rotation movement greatly facilitates the rapid approach of the tool (5) with respect to the paper (1) and roller (3), in a direction tangential to them, upon the action of actuators (12, 13, 23, 24). It is thus possible to intermittently perforate the paper without wear on the tool since it rotates at a surface speed equal to that of the countersupport roller (3) and the paper (1). <IMAGE>

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CPC (source: EP)  
**B26D 5/04** (2013.01); **B26F 1/20** (2013.01)

Citation (search report)  

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