

Title (en)
Punch

Title (de)
Lochstanze

Title (fr)
Perforatrice

Publication
EP 0958901 A2 19991124 (DE)

Application
EP 99109481 A 19990512

Priority
DE 19822210 A 19980518

Abstract (en)
Each hole punch implement (2) is driven (3,4) by a pneumatic or hydraulic cylinder, especially pneumatic cylinder, through the material in which the holes are punched. The cylinders are flat and selectively or jointly controlled.

Abstract (de)
Die vorliegende Erfindung betrifft eine Lochstanze (1) mit mehreren Werkzeugen (2) zum Stanzen der Löcher, bei der jedes Werkzeug (2) von jeweils einem Antriebsmittel (4) durch das zu stanzende Material getrieben wird. <IMAGE>

IPC 1-7
B26F 1/02; B26D 5/12

IPC 8 full level
B26F 1/04 (2006.01)

CPC (source: EP)
B26F 1/04 (2013.01)

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EP 0958901 A2 19991124; DE 19822210 A1 19991125

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