

Title (en)
GUILLOTINE-TYPE CUTTER

Publication
EP 0252418 B1 19900523 (DE)

Application
EP 87109435 A 19870701

Priority
DE 3623004 A 19860709

Abstract (en)
[origin: US4836074A] A guillotine type cutting machine for stacks of paper sheets has a table which supports the stock to be cut and a knife which can sever the stock in a vertical cutting plane. A feeding unit is provided to advance the stock along the table across the cutting plane, and a hold-down device is provided at the cutting plane to engage and press upon the stock opposite the descending knife while the stock is being severed. This hold-down device further serves to bear upon the stock during expulsion of air from the stock preparatory to the first cutting step. The air expelling unit has a roller which is lowered onto the stock adjacent the hold-down device and is then moved along the stock toward the feeding unit to expel air from pockets between the sheets. A cover is placed between the roller of the air expelling unit and the stock so that the roller need not directly engage the topmost sheet of the stock. A pusher is provided on the feeding units to shift the stock against a lateral stop upon completion of the air expelling step but prior to the first severing step.

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B26D 7/01

IPC 8 full level
B26D 1/08 (2006.01); **B26D 7/01** (2006.01); **B26D 7/02** (2006.01)

CPC (source: EP US)
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Cited by
US5301581A; DE102006051277A1; AU663115B2; EP0549982A1; US5365817A; EP0641631A1; CN106863377A; EP1918097A2

Designated contracting state (EPC)
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