

Title (en)

Apparatus for cutting a pile of sheet-like workpieces

Title (de)

Vorrichtung zum Schneiden von gestapeltem, blattförmigen Gut

Title (fr)

Dispositif pour couper des objets empilés en forme de feuille

Publication

EP 0590273 B1 19981028 (DE)

Application

EP 93112528 A 19930805

Priority

DE 4228651 A 19920828

Abstract (en)

[origin: JPH06210594A] PURPOSE: To shorten a cutting process by descending a holdfast beam onto a plate- shaped article for the cutting, and successively lifting a cutting blade and the holdfast beam after the cutting in a state that the holdfast beam is lifted by a predetermined distance after the cutting blade has been lifted by a predetermined distance. CONSTITUTION: In a guillotine cutting machine where a holdfast beam 8 ascends and descends in interlocking with the ascending and descending motion of a cutting blade 7 supported by a gate-shaped frame for cutting an article 1 such as the stack of paper, cardboard and the like by the cutting blade 7 in a state that the article 1 is pressed by the holdfast beam 8 from its upper part, a photoelectric device-type sensor 14 is mounted within a range of opposite both end surfaces of the holdfast beam 8 under an effective surface 8a of the holdfast beam 8 contacted with the article 1, and a proximity switch 25 operating when an edge 7a of the cutting blade 7 takes a predetermined gap Z' to the effective surface 8a, is mounted on a surface at the cutting blade 7 side, of the holdfast beam 8. After the cutting, the cutting blade 7 is lifted to a position for operating the proximity switch 25 is operated, and then the holdfast beam 8 is lifted to a position for operating the sensor 14.

IPC 1-7

B26D 1/08; **B26D 7/02**; **B26D 7/26**

IPC 8 full level

B26D 5/08 (2006.01); **B26D 1/08** (2006.01); **B26D 5/42** (2006.01); **B26D 7/02** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP US)

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Cited by

EP0740983A1; EP1669174A1; CN113183192A; US7428859B2

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DE 4228651 A1 19940303; DE 59309095 D1 19981203; EP 0590273 A1 19940406; EP 0590273 B1 19981028; ES 2124274 T3 19990201; JP H06210594 A 19940802; US 5488886 A 19960206

DOCDB simple family (application)

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