

Title (en)

Cover-mounting structure for mounting covers to splitters in cutting devices

Title (de)

Haltevorrichtung zum Anbringen von Schutzhauben an Spaltkeilen in Schneidvorrichtungen

Title (fr)

Dispositif pour le montage de capots de protection sur des coins fendeurs dans des machines de coupe

Publication

EP 1658944 B1 20080820 (EN)

Application

EP 05022895 A 20051020

Priority

JP 2004333117 A 20041117

Abstract (en)

[origin: EP1658944A1] A mounting structure for pivotally mounting a cover (10; 30) (for covering a cutting blade (4)) to a splitter (12) includes a mounting slot (12a) formed in the splitter (12) throughout the thickness of the splitter (12), first and second support portions (10a, 10b; 30a, 30b) formed on the cover (10; 30) and defining a slit (10e; 30e) therebetween for receiving the splitter (12), and a mounting device (20; 40; 46; 50). First and second support holes (10c, 10d; 30c, 30d; 30c1, 30d1) are respectively formed in the first and second support portions (10a, 10b; 30a, 30b) along a common axis on opposite sides of the slit (10e; 30e). The mounting device (20; 40; 46; 50) has first and second rotary members (21, 22; 41, 42; 52, 53), a shaft (21a; 41; 51), and an operation device (22; 43; 45). The first and second rotary members (21, 22; 41, 42; 52, 53) are rotatably and axially movably received within the first and second holes (10c, 10d; 30c, 30d; 30c1, 30d1). The shaft (21a; 41b; 51) is axially movably inserted into at least one of the first and second rotary members (21, 22; 41, 42; 52, 53). The mounting shaft (21a; 41b; 51) has a shaft portion that is insertable into the mounting slot (12a). The operation device (22; 43; 45) is operable to move the first and second rotary members (21, 22; 41, 42; 52, 53) relative to each other and has a mounting position and a releasing position.

IPC 8 full level

B27G 19/02 (2006.01); **B27G 19/08** (2006.01)

CPC (source: EP)

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