

Title (en)

Knife and holder assembly for use in sheet material processing mechanisms

Title (de)

Messer und Messerhalter zur Verwendung in einem Verarbeitungssystem für blattförmiges Material

Title (fr)

Couteau et porte-couteaux pour un appareil de traitement de matériaux en feuille

Publication

EP 0872314 A1 19981021 (EN)

Application

EP 98105974 A 19980401

Priority

US 83807597 A 19970415

Abstract (en)

A cutter cartridge assembly (20) for holding a cutting tool (22) includes an outer casing having an axial bore (32) extending through it. At least two radial bearings (38,40) are positioned in the axial bore and have a predetermined gap (42) between them for receiving a resilient annular member (43). The resilient annular member engages the inner races (46) of the bearings and the cutting tool, thereby exerting a force on the inner races as well as aiding in the retention of the cutting tool while allowing the cutting tool to freely rotate. <IMAGE>

IPC 1-7

B26F 1/38; **B26D 7/26**

IPC 8 full level

B26D 5/00 (2006.01); **B26D 7/26** (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP)

B26D 7/2614 (2013.01); **B26F 1/3806** (2013.01)

Citation (search report)

- [XY] US 5094134 A 19920310 - MIZUKOSHI TOSHIYA [JP]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 096, no. 006 28 June 1996 (1996-06-28)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 096, no. 008 30 August 1996 (1996-08-30)

Cited by

CN108406917A; EP1557246A3; DE102020127951A1; US8156852B2

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EP 0872314 A1 19981021; **EP 0872314 B1 20010620**; DE 69800951 D1 20010726; DE 69800951 T2 20020328; ES 2160380 T3 20011101; JP 3217748 B2 20011015; JP H10315197 A 19981202

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