

Title (en)

Auxiliary device for sewing machines for trimming the workpiece

Title (de)

Zusatzvorrichtung für Nähmaschinen zum Beschneiden des Nähgutes

Title (fr)

Appareil auxiliaire pour machines à coudre pour couper l'ouvrage

Publication

EP 0933461 A3 20000308 (DE)

Application

EP 98890349 A 19981126

Priority

AT 16498 A 19980202

Abstract (en)

[origin: EP0933461A2] A sewing machine (1) attachment (4), for cutting fabric, has a cutting tool with a blade (5) rotating on an axis on the cutting plane, and at least one cutting edge (7) which projects beyond the circumference of the circular blade. The blade rotates at a speed which is indirectly proportional to the number of cutters at the speed of fabric movement. The rotating cutting blade (5) of the cutting attachment, has at least two cutting edges (7), equidistant around the rotating blade axis. The rotating blade (5) has a quadratic plan shape, with four cutting edges (7) along the sides of the quadrilateral.

IPC 1-7

D05B 37/08

IPC 8 full level

D05B 37/08 (2006.01)

CPC (source: EP US)

D05B 37/08 (2013.01 - EP US)

Citation (search report)

- [A] US 3964409 A 19760622 - MALL GUNTHER, et al
- [A] US 5197400 A 19930330 - PRAIS EUGENE R [US]
- [A] US 1998111 A 19350416 - WEIS JOHN P
- [A] US 2192292 A 19400305 - SAMUEL SUSSMAN, et al
- [A] US 2069113 A 19370126 - NIELS PEDERSEN

Cited by

DE102007022818A1; DE102005018722B3; EP1992726A1

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