

Title (en)

Apparatus for cutting without chip removal plastic profiles

Title (de)

Vorrichtung zum spanlosen Trennen von Kunststoffprofilen

Title (fr)

Dispositif pour la coupe sans enlèvement de copeaux de profilés en matière plastique

Publication

EP 1293310 A3 20040310 (DE)

Application

EP 02450199 A 20020905

Priority

AT 7072001 U 20010913

Abstract (en)

[origin: EP1293310A2] The apparatus has a knife (1) guided transversally to a profile and comprises a cutting section with a blade and a tapered holding section. The cutting section has two guide surfaces parallel to each other and to the knife plane. The blade is delimited by two transition zones which are arranged with a curvature radius and converge tangentially into guide surfaces. The cutting section extends parallel to the blade and has a larger thickness than the holding section.

IPC 1-7

B26D 1/00; **B26D 3/16**

IPC 8 full level

B26D 1/00 (2006.01); **B26D 3/16** (2006.01)

CPC (source: EP US)

B26D 1/0006 (2013.01 - EP US); **B26D 3/167** (2013.01 - EP US); **B26D 2001/0053** (2013.01 - EP US); **Y10T 83/693** (2015.04 - EP US); **Y10T 83/75** (2015.04 - EP US); **Y10T 83/8821** (2015.04 - EP US); **Y10T 83/929** (2015.04 - EP US); **Y10T 83/9454** (2015.04 - EP US)

Citation (search report)

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- [Y] EP 1110685 A1 20010627 - ESSMANN & SCHAEFER [DE]
- [DA] DE 19805343 A1 19990812 - CPM COMPOUNDING PROCESSING MAC [DE]
- [DA] DE 29905169 U1 19990610 - BATTENFELD EXTRUSIONSTECH [DE]
- [DA] EP 0988941 A2 20000329 - CPM GMBH COMPOUNDING PROCESSIN [DE]

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EP 1293310 A2 20030319; **EP 1293310 A3 20040310**; **EP 1293310 B1 20061108**; AT 5545 U1 20020826; AT E344717 T1 20061115; CA 2402770 A1 20030313; CN 1243631 C 20060301; CN 1404967 A 20030326; DE 50208642 D1 20061221; US 2003047055 A1 20030313; US 7204180 B2 20070417

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