

Title (en)
Hot wire cutting device

Title (de)
Heissdrahtschneidvorrichtung

Title (fr)
Dispositif de coupe à fil chaud

Publication
EP 2633963 A1 20130904 (DE)

Application
EP 13001059 A 20130303

Priority
DE 102012006238 A 20120303

Abstract (en)
The hot wire cutting device (1) comprises a base frame (2), and a rectangular frame structure of interconnected groove profiles (3-5). An upper angular profile section (11) is formed at the upper edge of the base frame and a lower angular profile section (16) is formed at the lower edge of the base frame. An upper guide rail (23) is pivotally mounted at the upper edge of the base frame or on the upper angular profile section and a lower guide rail is pivotally mounted at the lower edge of the base frame or on the lower angular profile section.

Abstract (de)
Die Erfindung betrifft eine Heissdrahtschneidvorrichtung (1) zum thermischen Trennen von Werkstücken, insbesondere aus Kunststoffschäum oder Fasermaterial, wobei erfindungsgemäß vorgesehen ist, dass ein Grundgestell (2) der Heissdrahtschneidvorrichtung (1) als insbesondere rechteckige Rahmenstruktur aus miteinander verbundenen Nutprofilen (3, 4, 5, 6) gebildet ist.

IPC 8 full level
B26F 3/12 (2006.01); **B26D 3/00** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP)
B26D 3/006 (2013.01); **B26D 7/2614** (2013.01); **B26F 3/12** (2013.01)

Citation (applicant)
DE 102008044724 A1 20100304 - STORCH MALERWERKZEUGE & PROFIG [DE]

Citation (search report)

- [XAYI] CN 1935473 A 20070328 - UNIV XI AN JIAOTONG [CN]
- [Y] DE 202009013952 U1 20100617 - STORCH MALERWERKZEUGE & PROFIG [DE]
- [AD] DE 102008044724 A1 20100304 - STORCH MALERWERKZEUGE & PROFIG [DE]
- [A] EP 0649713 A1 19950426 - SCARITEC AG [CH]
- [A] DE 19934389 A1 20010201 - PLASTTECHNIK ENGINEERING GREIZ [DE]

Cited by
DE202014000021U1; CN113696250A; CN103786192A; CN109623932A; CN112677243A; DE102014218789A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2633963 A1 20130904

DOCDB simple family (application)
EP 13001059 A 20130303