

Title (en)
Knotting device

Title (de)
Knoteinrichtung

Title (fr)
Dispositif noueur

Publication
EP 2196424 A1 20100616 (DE)

Application
EP 08021339 A 20081209

Priority
EP 08021339 A 20081209

Abstract (en)
The knotting device (1) has a carrier (2) which is connected with a handle (3) for movement control by an operator. A suction device (17) is provided on the chassis, where a thread catch mechanism (15) and a knoter (16) are arranged. A support unit (11) is arranged on the carrier, where the thread catch mechanism and the knoter are designed in a height-adjustable manner.

Abstract (de)
Es wird eine Knoteinrichtung (1) angegeben mit einem Fahrgestell (2), das mit einer Handhabe (3) zur Bewegungssteuerung durch eine Bedienungsperson verbunden ist, wobei auf dem Fahrgestell (2) eine Saugereinrichtung (17), mindestens eine Fadenfangeinrichtung (15) und mindestens ein Knoter (16) angeordnet ist.

IPC 8 full level
B65H 69/00 (2006.01); **D02H 1/00** (2006.01); **D03J 1/16** (2006.01)

CPC (source: EP)
B65H 69/00 (2013.01); **D03J 1/16** (2013.01); **D03J 3/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [XY] JP 2001226038 A 20010821 - KAJI SEISAKUSHO KK
- [X] GB 2040324 A 19800828 - REINERS VERWALTUNGS GMBH
- [Y] US 6199359 B1 20010313 - HART REUBEN [US], et al
- [Y] US 3842577 A 19741022 - FRANZEN G
- [A] EP 0143187 A1 19850605 - HACOPA TEXTILMASCHINEN [DE]
- [A] GB 511008 A 19390811 - WILHELM REINERS
- [A] EP 1077275 A1 20010221 - TSUDAKOMA IND CO LTD [JP]
- [A] US 3377676 A 19680416 - STEFAN FURST
- [A] US 3753274 A 19730821 - KOSLOWSKI G

Cited by
EP4296207A1; LU502347B1

Designated contracting state (EPC)
CH DE ES IT LI

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2196424 A1 20100616; EP 2196424 B1 20110511; CN 101746646 A 20100623; JP 2010137989 A 20100624; JP 4987901 B2 20120801

DOCDB simple family (application)
EP 08021339 A 20081209; CN 200910004590 A 20090306; JP 2009087148 A 20090331