

Title (en)
TAPE STRAPPING MACHINE

Title (de)
BANDUMREIFUNGSMASCHINE

Title (fr)
MACHINE DE CERCLAGE PAR BANDE

Publication
EP 2051909 A1 20090429 (DE)

Application
EP 07788347 A 20070809

Priority
• EP 2007058286 W 20070809
• DE 102006038318 A 20060815

Abstract (en)
[origin: US2010147164A1] An apparatus for strapping an article by means of a flat tape includes least one tape guide frame having a flat tape guide passage, and a tape drive for feeding the tape into the tape guide passage, wherein arranged at the tape guide frame is an opening device which opens a narrow side of the tape guide passage, and a method of strapping an article with such an apparatus. The opening device may include at least one cover element which is movably secured to the tape guide frame and which is movable from a closed position in which it covers the narrow side of the tape guide passage into an open position in which it opens the narrow side of the tape guide passage. In that way a fresh tape loop can be introduced into the tape guide passage before the welding operation is concluded.

IPC 8 full level
B65B 13/06 (2006.01)

CPC (source: BR EP US)
B65B 13/04 (2013.01 - BR); **B65B 13/06** (2013.01 - EP US); **B65B 13/184** (2013.01 - BR); **B65B 27/08** (2013.01 - BR)

Citation (search report)
See references of WO 2008019991A1

Cited by
DE102019123040B3; EP4155217A2; DE102021125067A1; DE102021125067B4; US12024320B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2010147164 A1 20100617; US 8327758 B2 20121211; AT E490922 T1 20101215; AU 2007286283 A1 20080221;
AU 2007286283 B2 20120202; BR PI0715906 A2 20130730; BR PI0715906 B1 20181106; CA 2660787 A1 20080221; CA 2660787 C 20130514;
CN 101500893 A 20090805; CN 101500893 B 20110713; DE 102006038318 A1 20080221; DE 502007005907 D1 20110120;
EP 2051909 A1 20090429; EP 2051909 B1 20101208; ES 2355531 T3 20110328; JP 2010500252 A 20100107; JP 5174021 B2 20130403;
MX 2009001679 A 20090514; PL 2051909 T3 20110630; RU 2009109259 A 20100927; RU 2440282 C2 20120120;
WO 2008019991 A1 20080221

DOCDB simple family (application)
US 31000407 A 20070809; AT 07788347 T 20070809; AU 2007286283 A 20070809; BR PI0715906 A 20070809; CA 2660787 A 20070809;
CN 200780030226 A 20070809; DE 102006038318 A 20060815; DE 502007005907 T 20070809; EP 07788347 A 20070809;
EP 2007058286 W 20070809; ES 07788347 T 20070809; JP 2009524176 A 20070809; MX 2009001679 A 20070809; PL 07788347 T 20070809;
RU 2009109259 A 20070809