

Title (en)

Pile-strapping machine with straps made of weldable plastic material

Title (de)

Stapelumreifungsmaschine mit aus schweißbarem Kunststoff hergestellten Reifen

Title (fr)

Machine de cerclage de pile avec des bandes en matériau plastique soudable

Publication

**EP 2149448 B1 20110413 (EN)**

Application

**EP 09166843 A 20090730**

Priority

- IT MI20081417 A 20080730
- IT MI20081418 A 20080730

Abstract (en)

[origin: EP2149448A2] A strapping system for a wrapping apparatus with a horizontal conveyor (T) is disclosed, of the type wherein a ring of plastic strap (R) is tightened around a travelling load to be wrapped (P), while the load moves along the conveyor. The strapping system comprises in particular a welding device for a plastic strap, wherein a heated blade (34, 106) is arranged for a substantially longitudinal relative movement with respect to the strap (R) and wherein at least one pressure element (103, 12a) is further provided, arranged so as to impart a pressure in a movable operating position with respect to the strap flaps and which acts downstream of the operating position of the movable heating blade (34, 106).

IPC 8 full level

**B29C 65/20** (2006.01); **B65B 13/32** (2006.01)

CPC (source: EP)

**B65B 13/06** (2013.01); **B65B 13/08** (2013.01); **B65B 13/32** (2013.01)

Cited by

CN114368503A; CN112572869A; CN115647825A

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2149448 A2 20100203**; **EP 2149448 A3 20100310**; **EP 2149448 B1 20110413**; AT E505317 T1 20110415; DE 602009001066 D1 20110526

DOCDB simple family (application)

**EP 09166843 A 20090730**; AT 09166843 T 20090730; DE 602009001066 T 20090730