

Title (en)

Bundling apparatus.

Title (de)

Vorrichtung zum Bündeln.

Title (fr)

Machine de liage.

Publication

EP 0429126 A1 19910529 (EN)

Application

EP 90202995 A 19901113

Priority

NL 8902865 A 19891121

Abstract (en)

A bundling apparatus for clamping elongate articles (20-23) into a bundle, the apparatus having a zone into which the articles are brought for bundling, and an elongate flexible element (11) suspended so as to form a loop at least partly surrounding said zone. A pair of swingable tensioning arms (3,4) each has a contact member (9,10) for engaging the clamping element (11) from outside the loop and is swingable in a path about an axis (5) in a manner such that the contact member (9,10) moves above said zone while pushing said clamping element, the contact members (3,4) thus cooperate to effect tightening of the loop. The paths of swinging of said arms are arranged so that said arms are able to cross each other during their swinging movement.

IPC 1-7

B65B 13/20; **B65B 27/10**

IPC 8 full level

B65B 13/20 (2006.01); **B65B 27/10** (2006.01)

CPC (source: EP)

B65B 13/20 (2013.01); **B65B 27/10** (2013.01)

Citation (search report)

- [XD] GB 1574349 A 19800903 - ELEKTROS Z TYAZHEL MASHINOSTR
- [AD] DE 1511826 A1 19691127 - THAELMANN SCHWERMASCHBAU VEB
- [AD] GB 1358472 A 19740703 - NORBERGS MEKANISKA VERKSTAD AB
- [A] FR 2223244 A1 19741025 - MORGAN CONSTRUCTION CO [US]
- [A] US 3871288 A 19750318 - WHITE FRANK F

Cited by

FR3007686A1; CN118419372A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0429126 A1 19910529; **EP 0429126 B1 19940518**; AT E105804 T1 19940615; CA 2030273 A1 19910522; DE 69009009 D1 19940623; DE 69009009 T2 19940922; ES 2052164 T3 19940701; FI 905728 A0 19901120; FI 905728 A 19910522; JP H03212319 A 19910917; NL 8902865 A 19910617; NO 905020 D0 19901120; NO 905020 L 19910522

DOCDB simple family (application)

EP 90202995 A 19901113; AT 90202995 T 19901113; CA 2030273 A 19901119; DE 69009009 T 19901113; ES 90202995 T 19901113; FI 905728 A 19901120; JP 31448590 A 19901121; NL 8902865 A 19891121; NO 905020 A 19901120