

Title (en)

Tool and apparatus for strapping articles, in particular cable bundles

Title (de)

Werkzeug und Anordnung zum Binden von Gegenständen, insbesondere Kabelbäumen

Title (fr)

Dispositif et installation pour encercler des objets, en particulier des faisceaux de câbles

Publication

EP 0897866 B1 20021120 (DE)

Application

EP 98114579 A 19980803

Priority

- DE 29714836 U 19970819
- DE 29717857 U 19971007

Abstract (en)

[origin: EP0897866A1] A multi-cable wiring loom (2) is laid out to the required shape on a board that has support elements (3) at selected locations. Each support elements has a U shaped part (5) that raises the wiring loom clear of the board surface. The wires are then tied together by binding that is wrapped around using a two prong tool (9) on a manipulator (11).

IPC 1-7

B65B 13/02; **H01B 13/00**

IPC 8 full level

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CPC (source: EP US)

B65B 13/027 (2013.01 - EP US); **H01B 13/01272** (2013.01 - EP US)

Cited by

EP1231142A1; EP1647486A1; EP1842775A1; WO2023235696A1; US7334610B2; US6655417B2

Designated contracting state (EPC)

DE ES FR GB IT PT SE

DOCDB simple family (publication)

EP 0897866 A1 19990224; **EP 0897866 B1 20021120**; DE 59806328 D1 20030102; ES 2186062 T3 20030501; JP 4159663 B2 20081001; JP H11157505 A 19990615; PT 897866 E 20030331; US 6019142 A 20000201

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EP 98114579 A 19980803; DE 59806328 T 19980803; ES 98114579 T 19980803; JP 23276398 A 19980819; PT 98114579 T 19980803; US 13514298 A 19980817