

Title (en)
LOCKING TIE

Publication
EP 0075501 B1 19860115 (FR)

Application
EP 82401613 A 19820901

Priority
FR 8117949 A 19810923

Abstract (en)
[origin: ES267054U] A cable tie comprises a strap having a series of transverse teeth on one side extending between the longitudinal edges thereof, and a fastening head having a passageway therethrough for receiving the strap to form a loop. The fastening head has a pawl cooperable with the strap teeth. The longitudinal edges of the strap are at least in part transversely oblique and each of the corresponding lateral walls of the passageway are similarly transversely oblique. The transversely oblique edge portions on the strap converge to the side of the strap away from the side having the teeth so that the pawl produces a wedging effect to clamp the strap transversely between the lateral wall portions of the passageway. Also, the lateral wall portions of the passageway converge toward each other in a direction away from the pawl. The oblique portions are preferably surface roughened.

IPC 1-7
B65D 63/10; **F16L 3/12**

IPC 8 full level
B65D 63/10 (2006.01); **F16L 3/12** (2006.01)

CPC (source: EP US)
B65D 63/1072 (2013.01 - EP US); **Y10T 24/1498** (2015.01 - EP US); **Y10T 24/153** (2015.01 - EP US)

Cited by
FR2597168A1; US4665588A; EP1132315A1; EP0142656A1; US4607414A; US6751828B2; WO0166432A1

Designated contracting state (EPC)
AT BE DE GB IT NL SE

DOCDB simple family (publication)
EP 0075501 A1 19830330; **EP 0075501 B1 19860115**; AT E17463 T1 19860215; BR 8205633 A 19830830; CA 1176325 A 19841016; DE 3268560 D1 19860227; ES 267054 U 19830216; ES 267054 Y 19830916; FR 2513328 A1 19830325; FR 2513328 B1 19840106; MX 154330 A 19870714; US 4490887 A 19850101

DOCDB simple family (application)
EP 82401613 A 19820901; AT 82401613 T 19820901; BR 8205633 A 19820923; CA 411984 A 19820922; DE 3268560 T 19820901; ES 267054 U 19820903; FR 8117949 A 19810923; MX 19447282 A 19820921; US 42105282 A 19820922