

Title (en)
WIRE TWISTING DEVICE

Publication
EP 0343309 B1 19920916 (DE)

Application
EP 88810327 A 19880524

Priority
EP 88810327 A 19880524

Abstract (en)
[origin: EP0343309A1] The wire twisting device has a twisted bar (1) with a binding hook (4) which is set in rotation when a gripping part is pulled. The binding hook can be swivelled about an axis (5) and is held in the normal position by a locking slide (7) engaging in indentations (6) in the binding hook. When pulling the wire loop around the binding hook, a latch (13) is lifted, by which means the locking slide and thus the binding hook are unlocked and swivelled, by which means it can slide out of the wire loop. <??>A device of this type allows a constant and optimum twisting of the wire without the risk of it tearing and permits the automatic pulling out of the binding hook in the same pulling movement. <??>The formed wire for tying reinforced iron bars is constructed as a single wire hoop (17) with a welding point (23). By this means, on the one hand its manufacture is simplified and material is saved and, on the other hand, a firm tying is guaranteed. <IMAGE>

IPC 1-7
E04G 21/22

IPC 8 full level
B21F 15/04 (2006.01); **B21F 15/06** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP KR US)
E04G 21/12 (2013.01 - KR); **E04G 21/122** (2013.01 - EP US); **E04G 21/123** (2013.01 - EP US)

Cited by
EP2058452A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0343309 A1 19891129; EP 0343309 B1 19920916; AT E80690 T1 19921015; AU 3465989 A 19900215; AU 606799 B2 19910214; CA 1322146 C 19930914; DE 3874725 D1 19921022; DK 169482 B1 19941107; DK 215389 A 19891125; DK 215389 D0 19890502; ES 2034363 T3 19930401; JP H0220634 A 19900124; JP H0818096 B2 19960228; KR 0127488 B1 19971229; KR 890017436 A 19891216; US 4947902 A 19900814

DOCDB simple family (application)
EP 88810327 A 19880524; AT 88810327 T 19880524; AU 3465989 A 19890511; CA 599536 A 19890512; DE 3874725 T 19880524; DK 215389 A 19890502; ES 88810327 T 19880524; JP 12995789 A 19890523; KR 890006806 A 19890522; US 35477889 A 19890522