

Title (en)
Coil forming apparatus

Title (de)
Windungslegerohr

Title (fr)
Dispositif de formation de boucles

Publication
EP 0958866 B1 20020828 (DE)

Application
EP 99109408 A 19990511

Priority
DE 19823198 A 19980523

Abstract (en)
[origin: EP0958866A2] A connecting opened area of the outer form encloses a wound wire guide channel. The guide channel is formed as a channel in the outer surface of a hollow insert. This insert fits into the opened area of the outer form and the centrifugal forces of the wire are taken up by the inner surface of the outer form. The inflow tube (10) and the insert (8) form a structural unit (11) releasably connected with the outer form (3). The unit is turned through an angle of 2-3 degrees , and is secured to the outer form (3) by a tension nut (12).

IPC 1-7
B21C 47/14

IPC 8 full level
B21F 3/06 (2006.01); **B21C 47/14** (2006.01); **B65H 57/10** (2006.01)

CPC (source: EP US)
B21C 47/143 (2013.01 - EP US)

Cited by
EP1375020A3; CN110842036A; US7011264B2

Designated contracting state (EPC)
AT DE GB IT SE

DOCDB simple family (publication)
EP 0958866 A2 19991124; EP 0958866 A3 20010221; EP 0958866 B1 20020828; AT E222820 T1 20020915; DE 19823198 A1 19991125; DE 59902440 D1 20021002; JP H11347670 A 19991221; US 6098909 A 20000808

DOCDB simple family (application)
EP 99109408 A 19990511; AT 99109408 T 19990511; DE 19823198 A 19980523; DE 59902440 T 19990511; JP 14150199 A 19990521; US 31568499 A 19990520