

Title (en)  
DEVICE FOR KNOTTING SMYRNA STITCHES CALLED GHIORDES KNOTS ON CANVAS

Publication  
**EP 0246389 B1 19900822 (FR)**

Application  
**EP 86810609 A 19861222**

Priority  
CH 200886 A 19860516

Abstract (en)  
[origin: EP0246389A1] 1. Device for knotting Smyrna stitches called Ghiordes knots on canvas, comprising : a head (1) fixed to a guiding rod (7) and carrying a rigid buckle (8) ; a unit (12-16) movable along said guiding rod between a rest position and an engaged position, said unit comprising a control handle (12) and two hooks (15, 16) which, in rest position, are behind said buckle (8), on either side thereof, and which, in engaged position, cross themselves in said buckle ; a ratchet mechanism (24-29) normally locking the movable unit (12-16) in rest position, and a releaser (20) which is fixed to a sleeve (28) surrounding the guiding rod (7) and adjusted thereon so as to be able to freely slide along that rod (7), and which, when said buckle (8) has passed across the canvas, comes in contact with the latter and releases the ratchet mechanism by shifting the sleeve (28) along the guiding rod (7) so as to allow the movable unit to move from its rest position to its engaged position, characterized in that said ratchet mechanism comprises a ball (27) which the sleeve (28), fixed to the releaser (20), normally sets, on the one hand, in a part of a cutout (24) of the guiding rod (7), and, on the other hand, in a lodging (25) of the inner wall of the control handle (12), said sleeve (28) causing the ball (27) to move on the bottom of cutout (24) of the guiding rod (7) and releasing it from the lodging (25), when the releaser (20) comes in contact with the canvas (32, 33, 34).

IPC 1-7  
**D04G 3/02**

IPC 8 full level  
**D04G 3/02** (2006.01)

CPC (source: EP)  
**D04G 3/02** (2013.01)

Cited by  
MD2040G2

Designated contracting state (EPC)  
BE CH DE FR LI

DOCDB simple family (publication)  
**EP 0246389 A1 19871125; EP 0246389 B1 19900822**; CH 665857 A5 19880615; DE 3673645 D1 19900927

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**EP 86810609 A 19861222**; CH 200886 A 19860516; DE 3673645 T 19861222