

Title (en)
SUPPORTING ELEMENT FOR WINDING YARNS

Title (de)
TÄGERELEMENT ZUM WICKELN VON GARNEN

Title (fr)
ELEMENT DE SUPPORT POUR ENROULER DES FILS

Publication
EP 1343711 A1 20030917 (EN)

Application
EP 02806044 A 20020111

Priority
IB 0200079 W 20020111

Abstract (en)
[origin: WO03057610A1] Supporting element for winding yarns (F), comprising an electronic-type memory (15) able to memorize a plurality of information associated with the yarn (F) temporally wound, located at any point, advantageously outside the space occupied by said yarn (F).

IPC 1-7
B65H 67/06; **B65H 75/18**

IPC 8 full level
B65H 67/06 (2006.01); **B65H 75/18** (2006.01)

CPC (source: EP)
B65H 67/063 (2013.01); **B65H 75/182** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
See references of WO 03057610A1

Citation (examination)
WO 9923024 A1 19990514 - WIBMER GMBH & CO KG [DE], et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03057610 A1 20030717; AU 2002219432 A1 20030724; EP 1343711 A1 20030917

DOCDB simple family (application)
IB 0200079 W 20020111; AU 2002219432 A 20020111; EP 02806044 A 20020111