

Title (en)
FILAMENT WINDING MACHINE

Publication
EP 0073930 A3 19840307 (EN)

Application
EP 82107022 A 19820804

Priority
• GB 8126692 A 19810903
• GB 8128122 A 19810917
• GB 8133836 A 19811110

Abstract (en)
[origin: EP0073930A2] A filament winder of the automatic exchange type in which chucks are brought successively into winding positions relative to a friction drive roller and thread is transferred from a package on an outgoing chuck to a bobbin on an incoming chuck. Each chuck moves along its own predetermined path towards and away from the friction drive roller. A free thread length is created between the friction drive roller and the outgoing chuck and this free thread length is intercepted by thread catching means on the incoming chuck.

IPC 1-7
B65H 67/04

IPC 8 full level
B65H 67/04 (2006.01)

CPC (source: EP)
B65H 67/04 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [X] DE 2827178 A1 19790111 - KARLSRUHE AUGSBURG IWEKA
• [X] US 4166587 A 19790904 - MILLER HARRY B [US]
• [A] US 3310247 A 19670321 - BURGIN EMERY MICHAEL
• [A] DE 2065653 B2 19770113
• [AD] US 2789774 A 19570423 - PETERSEN SVEND A, et al
• [AD] US 3758042 A 19730911 - SEAR S

Cited by
EP0231772A3; EP0229294A1; US5082191A; EP0192827A3; EP0524657A1; WO2023027651A3

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0073930 A2 19830316; EP 0073930 A3 19840307; EP 0073930 B1 19861203; BR 8205152 A 19830809; DE 3274541 D1 19870115; IE 54100 B1 19890621; IE 822015 L 19830303; IN 158954 B 19870228

DOCDB simple family (application)
EP 82107022 A 19820804; BR 8205152 A 19820902; DE 3274541 T 19820804; IE 201582 A 19820820; IN 1026CA1982 A 19820903