

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

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**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

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**EP 82107022 A 19820804**; BR 8205152 A 19820902; DE 3274541 T 19820804; IE 201582 A 19820820; IN 1026CA1982 A 19820903