

Title (en)
A FLYWINDER

Publication
EP 0033602 B1 19850724 (EN)

Application
EP 81300203 A 19810116

Priority
GB 8002256 A 19800123

Abstract (en)
[origin: EP0033602A1] In a rotatable flier (1) of the kind having a hollow interior which is a surface of rotation symmetrical about the axis of rotation of the flier and which is conical, said surface of rotation increasing in diameter smoothly along its length from an axially directed filament inlet guide (8) closely circumscribing said axis, the greater diameter end of the hollow interior being adapted for disposition adjacent to a bobbin support (11) and being of diameter such that a bobbin (10) or like former mounted on the support (11) can be received therein, final filament guide means (9) being disposed at or adjacent to the greater diameter end and through which the filament is constrained to pass before being wound on the bobbin (10) or like former, the improvement comprising filament guide means (31) disposed in the hollow conical interior of the flier intermediate the ends thereof to restrain the filament against circumferential movement relative to the interior surface of the flier during winding to reduce frictional forces acting on the filament particularly during high-speed coil winding.

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B65H 57/22

IPC 8 full level
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CPC (source: EP)
B65H 54/2896 (2013.01); **B65H 57/22** (2013.01); **H01F 41/09** (2016.01)

Citation (examination)
• US 4056238 A 19771101 - CINIGLIO ALEXANDER J, et al
• DE 2914426 A1 19791031 - ROTAWINDER LTD
• FR 1284367 A 19620209
• FR 967411 A 19501103 - DOUGLAS FRASER & SONS LTD

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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

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