

Title (en)

DEVICE FOR SECURING THE END OF A YARN PRIOR TO DOFFING ON AUTOMATIC BALL WINDING MACHINES

Publication

EP 0067118 B1 19861112 (DE)

Application

EP 82810198 A 19820512

Priority

CH 369981 A 19810605

Abstract (en)

[origin: US4483489A] A winding mandrel for a ball winding machine has umbrella stretchers at its forward portion on which yarn is wound. The front end of the mandrel is provided with a plurality of radial channels open on frontal edged for receiving a yarn and retaining means movable with respect to the front end to occlude at least one of the radial channels to hold the yarn in the channel.

IPC 1-7

B65H 54/66

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE3614321A1; CH667068A5

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0067118 A1 19821215; **EP 0067118 B1 19861112**; CH 650224 A5 19850715; DE 3274231 D1 19870102; US 4483489 A 19841120

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EP 82810198 A 19820512; CH 369981 A 19810605; DE 3274231 T 19820512; US 38258582 A 19820527