

Title (en)
FIBRE-OPENING UNIT FOR AN OPEN-END SPINNING UNIT

Publication
EP 0223422 A3 19871202 (EN)

Application
EP 86308130 A 19861020

Priority
GB 8527829 A 19851112

Abstract (en)
[origin: EP0223422A2] Drive to the sliver feed roll 11 of a fibre-opening unit of an open-end spinner is interrupted by de-activation of a clutch 2, 6, 7, 8 and simultaneously further rotation of the input shaft 4 of a worm 9 and pinion 10 mechanism is blocked against further rotation by release of a spring finger 13 into the path of peripheral teeth on a disc 12. Upon a yarn break sensed by a detector 15, the clutch is de-energised and the spring finger 13 released to arrest and lock the disc 12.

IPC 1-7
D01H 7/892; **D01H 1/241**

IPC 8 full level
D01H 1/241 (2006.01); **D01H 4/30** (2006.01)

CPC (source: EP)
D01H 4/30 (2013.01)

Citation (search report)

- [A] FR 1556017 A 19690131
- [A] US 3894386 A 19750715 - SHARYCHENKOV ALEXANDR ALEXEEVI, et al
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- [A] DE 2323511 A1 19741128 - STAHLERCKER FRITZ, et al
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EP1362939A3

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

DOCDB simple family (publication)
EP 0223422 A2 19870527; **EP 0223422 A3 19871202**; **EP 0223422 B1 19891220**; AT E48853 T1 19900115; DE 3667671 D1 19900125; GB 8527829 D0 19851218

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