

Title (en)
DEVICE FOR DETECTING END BREAKAGE OF FINE SPINNING FRAME

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EP 0115537 B1 19880427 (EN)

Application
EP 82902258 A 19820729

Priority
JP 8200294 W 19820729

Abstract (en)
[origin: WO8400567A1] Method and device for the detection of an end breakage by detecting a fiber floating and moving in the pneumatic main duct of a fine spinning frame. The output of a photocell (18) detecting scattered light via a fiber crossing an optical beam formed at a predetermined position in a pneumatic main duct (2) is converted into a voltage pulse, which is then amplified, and only voltage pulses higher than a predetermined value are produced, and are integrated over a predetermined period of time. When the integrated value exceeds a set value, it is regarded to be the occurrence of an end breakage, and an identification signal is generated.

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D01H 13/16

IPC 8 full level
D01H 13/16 (2006.01)

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Cited by
FR2570091A1; EP3031761A1; US10337127B2; US11198956B2

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