

Title (en)
SPINNING MACHINE COMPRISING A FIBER BUNDLE SUPPLY STOP APPARATUS

Title (de)
FASERBÜNDELVERSORGUNGSSTOPPVORRICHTUNG FÜR SPINNMASCHINE

Title (fr)
APPAREIL D'ARRÊT D'ALIMENTATION DE FAISCEAU DE FIBRES POUR MÉTIER À FILER

Publication
EP 2963163 A2 20160106 (EN)

Application
EP 15170015 A 20150601

Priority
JP 2014115656 A 20140604

Abstract (en)
In a fiber bundle supply stop apparatus for a ring spinning machine (11), a plurality of yarn break detectors (13) detects whether or not a yarn on a corresponding spindle (12) is broken, a position detector (15, 16, 24, 25) detects a position of a worker (W) or a machine providing yarn piecing service, and a controller (17, 21) controls fiber bundle supply stop devices (14) to estimate a time required for the worker (W) or the machine to arrive at a position of the spindle (12A, 12B) having a yarn break based on the detected position of the worker (W) or the machine, to continue supply of the fiber bundle to the spindle (12A, 12B) having the yarn break when the estimated required time is a predetermined value or smaller, and to stop supply of the fiber bundle when the estimated required time is greater than the predetermined value.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
JP H0340825 A 19910221 - RIETER AG MASCHF

Cited by
CN107385588A; EP3385415A1

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