Title (en)

APPARATUS FOR ELIMINATING METALLIC CONTAMINATIONS FROM A FIBRE TRANSPORTING DUCT IN SPINNING PREPARATION

Publication

EP 0000033 A3 19790110

Application

EP 78100055 A 19780601

Priority

CH 709477 A 19770609

Abstract (en)

[origin: EP0000033A2] An apparatus for eliminating metallic contaminations from a fibre transporting duct (1) in spinning preparation, wherein an air stream transports fibre flocks through the duct. At a branching point (2) of the fibre transporting duct (1) leading to a waste duct (3) there is pivotably arranged deflecting means (7, 7) operatively connected with and activated by a drive mechanism (13). The deflecting means (13) are activated in response to the passage of a metallic object through a section of the fibre transporting duct surrounded by a metal detector (14) arranged upstream of the branching point (2), by means of a control device (17) connected with a power source (19) and the drive mechanism (13). Within a short time the deflecting means (7, 7) can be shifted from an idle position, where the transporting duct (1) is open and the waste duct (3) is maintained closed, into a working position, in which the transporting duct is closed and the waste duct is maintained open.

IPC 1-7

D01G 31/00; D01G 23/00; B65G 53/66

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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