

Title (en)

METHOD AND DEVICE FOR REMOVING FOREIGN MATTERS FROM A FIBRE MATERIAL, IN PARTICULAR FROM RAW COTTON

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSSCHIEDEN VOM FREMDSTOFFEN IN FASERMATERIAL, INSBESONDERE IN ROHBAUMWOLLE

Title (fr)

PROCEDE ET DISPOSITIF D'ELIMINATION DES IMPURETES D'UNE MATIERE FIBREUSE, NOTAMMENT DE COTON BRUT

Publication

**EP 1841908 A1 20071010 (DE)**

Application

**EP 05816080 A 20051104**

Priority

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- CH 1152005 A 20050125

Abstract (en)

[origin: WO2006079426A1] A sensor system (3, 3') for detecting foreign matters and a separation device (4) provided with at least one compressed air nozzle (5) which is perpendicular to a pneumatic fibre conveying conduit are successively mounted in a direction of conveyance (a), wherein said fibre conveying conduit is provided with a removing opening (6) arranged in front of the compressed air nozzle. Contrary to state of the art of actual methods and devices, the foreign matters are not removed to a substantially pressure-tight separation container. According to said invention, the removing opening (6) is connected to a derivation (7, 10) in which a permanent airflow (d, e) for transporting separated foreign matters away is maintained.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2006079426A1

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