

Title (en)

PROCESS AND DEVICE FOR DETECTING AND REMOVING FOREIGN SUBSTANCES IN AND FROM FIBRE MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERKENNEN UND AUSSCHEIDEN VON FREMDSTOFFEN IN FASERMATERIAL

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'IDENTIFIER ET DE SEPARER DES CORPS ETRANGERS CONTENUS DANS UN MATERIAU FIBREUX

Publication

EP 0824607 B2 20050727 (DE)

Application

EP 96903866 A 19960307

Priority

- CH 9600082 W 19960307
- CH 137695 A 19950512

Abstract (en)

[origin: WO9635831A1] The polluted fibres are pneumatically conveyed in loose form from top to bottom in a presentation channel (1) past a sensor field. The sensor arrangement (2, 2') advantageously consists of CCD cameras operating in line. The continuous feed roughly in the direction of gravity permits the best possible tuning of the sensor arrangement and a higher through-flow rate.

IPC 1-7

D01B 3/02; **D01G 31/00**

IPC 8 full level

B07C 5/344 (2006.01); **D01B 3/02** (2006.01); **D01G 31/00** (2006.01)

CPC (source: EP KR)

B07C 5/344 (2013.01 - EP); **B07C 5/366** (2013.01 - EP); **D01B 3/02** (2013.01 - KR); **D01B 3/025** (2013.01 - EP); **D01G 31/00** (2013.01 - KR); **D01G 31/003** (2013.01 - EP); **B07C 2501/0036** (2013.01 - EP)

Citation (opposition)

Opponent :

- WO 8901832 A1 19890309 - COMMW SCIENT IND RES ORG [AU]
- EP 0369786 A1 19900523 - UNISEARCH LTD [AU]

Cited by

DE10121421A1; DE102004020777A1; DE102004020776A1; DE102004020776B4; US7335847B2; US6421883B1; DE102017121838A1

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WO 9635831 A1 19961114; AT E193736 T1 20000615; BR 9608125 A 19990209; DE 59605408 D1 20000713; EP 0824607 A1 19980225; EP 0824607 B1 20000607; EP 0824607 B2 20050727; KR 19990008396 A 19990125

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