

Title (en)

Foreign fiber detection in an opening machine

Title (de)

Fremdfaserdetektion an einer Öffnungsmaschine

Title (fr)

Détection de fibres étrangères dans une machine d'ouverture

Publication

EP 0744478 B1 20000531 (DE)

Application

EP 96104099 A 19960315

Priority

DE 19518783 A 19950522

Abstract (en)

[origin: EP0744478A1] An installation is for detecting differently coloured fibres, films or fabrics in fibre opening lines. It features sensors (S) located opposite the surface of an opening roll (W), across the working width of the roll (W). If the sensors (S) and the evaluation electronics establish a clear colour deviation compared to the normal fibre in the opened material, the fibre current is sluiced out of the normal fibre opening line wholly or partially.

IPC 1-7

D01G 31/00

IPC 8 full level

D01G 9/12 (2006.01); **D01G 31/00** (2006.01)

CPC (source: EP)

D01G 31/003 (2013.01)

Cited by

EP1281794A1; CN114277468A; DE19645844A1; DE10206609A1; DE19843587B4; DE19806892A1; US5926267A; CN103147172A; US6298522B1

Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

EP 0744478 A1 19961127; EP 0744478 B1 20000531; DE 19518783 A1 19961128; DE 19518783 B4 20090409; DE 59605344 D1 20000706; IN 188165 B 20020831; JP H093728 A 19970107; TR 199600366 A2 19961221

DOCDB simple family (application)

EP 96104099 A 19960315; DE 19518783 A 19950522; DE 59605344 T 19960315; IN 662CA1996 A 19960410; JP 12591496 A 19960521; TR 9600366 A 19960508