

Title (en)
Cleaning machine for textile fibres

Title (de)
Reinigungsmaschine für Textilfasern

Title (fr)
Machine de nettoyage pour fibres textiles

Publication
EP 0381860 B1 19960207 (DE)

Application
EP 89123948 A 19891227

Priority
CH 31989 A 19890131

Abstract (en)
[origin: JPH02234919A] PURPOSE: To provide a cleaning machine of improved fiber-opening effect and increased capacity by providing a specific number of guide plates and restricting a transfer chamber between the two guide plates. CONSTITUTION: This machine is provided with an air inlet 6 and air outlet 7 in a casing 2 placed above the upper side of a horizontal fiber-opening roller 1, and at least 4 guide plates 8, 9, 10, 11 in a space between the air inlet 6 and air outlet 7 in the casing 2, to restrict at least 3 transfer chambers 14, 15 and 16. The transfer chambers are designed to have an adequate lead angle (α), width (b) and number, to prevent clogging of and collection of fiber lumps in the chamber.

IPC 1-7
D01G 9/04

IPC 8 full level
D01G 9/04 (2006.01)

CPC (source: EP US)
D01G 9/04 (2013.01 - EP US)

Cited by
DE19630018A1; US6029317A; EP0464441A1; EP2336405A1; EP3431641A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0381860 A2 19900816; EP 0381860 A3 19900822; EP 0381860 B1 19960207; DE 58909599 D1 19960321; JP 2839616 B2 19981216; JP H02234919 A 19900918; US 4969237 A 19901113

DOCDB simple family (application)
EP 89123948 A 19891227; DE 58909599 T 19891227; JP 1938490 A 19900131; US 47279990 A 19900131