

Title (en)

FIBERS FEEDING DEVICE FOR FEEDING TUFT TO A WORKING MACHINE, LIKE A CARDING MACHINE

Title (de)

FASERZUFÜHRUNGSVORRICHTUNG FÜR DIE ZUFÜHRUNG VON FLOR ZU EINER ARBEITSMASCHINE, WIE ETWA EINE KARDIERMASCHINE

Title (fr)

DISPOSITIF D'ALIMENTATION DE FIBRES POUR ALIMENTER EN TOUFFE UNE MACHINE DE TRAVAIL, PAR EXEMPLE UNE MACHINE A CARDER

Publication

**EP 2499284 B1 20140402 (EN)**

Application

**EP 10784867 A 20101022**

Priority

- IT BS20090206 A 20091112
- IB 2010054792 W 20101022

Abstract (en)

[origin: WO2011058467A1] A feed device (6) of fibre in tufts to a carding machine comprises a silo (8), a feed roller (14), an opening roller (30), a basin (22) and a blowing duct (50), which the current of conveying air is channelled in and which comes out on the opening roller. An end compartment (70) is delimited by a lower permeable wall (72) beyond which an intermediate compartment (74) and a second recovery compartment (80) are positioned; the intermediate compartment (74) is separated from the second recovery- chamber by a partition (76) responsive to the current of air to regulate the exit of air towards the second recovery compartment (80) in proportion to the current of air.

IPC 8 full level

**D01G 23/08** (2006.01); **D01G 23/02** (2006.01)

CPC (source: EP)

**D01G 23/02** (2013.01); **D01G 23/08** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011058467 A1 20110519**; BR 112012011341 A2 20160419; BR 112012011341 B1 20201013; CN 102695825 A 20120926; CN 102695825 B 20141105; EP 2499284 A1 20120919; EP 2499284 B1 20140402; IT 1396876 B1 20121220; IT BS20090206 A1 20110513

DOCDB simple family (application)

**IB 2010054792 W 20101022**; BR 112012011341 A 20101022; CN 201080050777 A 20101022; EP 10784867 A 20101022; IT BS20090206 A 20091112