

Title (en)

Method and apparatus for supplying given quantities of fibre flock.

Title (de)

Dosierverfahren und -vorrichtung zur Abgabe vorgegebbarer Mengen von Faserflocken.

Title (fr)

Procédé et appareil pour alimenter les flocons de fibres en quantité donnée.

Publication

**EP 0383246 B1 19940928 (DE)**

Application

**EP 90102745 A 19900212**

Priority

- DE 3904390 A 19890214
- DE 3913997 A 19890427

Abstract (en)

[origin: JPH03820A] PURPOSE: To easily improve the metering accuracy of the dispensing amount of fiber flock by using a pair of feed rollers forced with a prescribed load in the approaching direction and separable by the pressure of the fiber flock and adjusting the rotational speed of at least one of the rollers in a specific state. CONSTITUTION: A feed roller 20 is pressed toward a feed roller 18 with a pre-loading apparatus 76 and the rotational speed of the roller is adjusted so as to keep the product (n×x) to a constant level at least on an average, wherein (x) is the gap between the roller 18 and the roller 20 separated by the pressure of a fiber flock 60 and (n) is the rotational speed of at least one of both rollers.

IPC 1-7

**D01G 23/04**; **D01G 13/00**

IPC 8 full level

**D01G 13/00** (2006.01); **D01G 23/04** (2006.01)

CPC (source: EP US)

**D01G 13/00** (2013.01 - EP US); **D01G 23/04** (2013.01 - EP US)

Cited by

US5257438A; EP0470577A1; CN103741268A; CN111945256A; DE19630018A1; EP2481551A1; DE102007014694A1; DE102005040399A1; DE102007014694B4; US11649568B2; US6611994B2; EP3699334A1; WO2007022658A1; WO2014008917A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0383246 A2 19900822**; **EP 0383246 A3 19900905**; **EP 0383246 B1 19940928**; **EP 0383246 B2 20020515**; CN 1024821 C 19940601; CN 1045609 A 19900926; DE 3913997 A1 19900823; DE 59007294 D1 19941103; JP 2776941 B2 19980716; JP H03820 A 19910107; RU 2050424 C1 19951220; US 5121523 A 19920616

DOCDB simple family (application)

**EP 90102745 A 19900212**; CN 90101432 A 19900213; DE 3913997 A 19890427; DE 59007294 T 19900212; JP 3165890 A 19900214; SU 4743227 A 19900213; US 48012390 A 19900214