

Title (en)
FEEDING DEVICE FOR A CARDING MACHINE

Title (de)
SPEISEVORRICHTUNG FÜR EINER KARDE

Title (fr)
DISPOSITIF D'ALIMENTATION POUR UNE CARDE

Publication
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Application
EP 19162734 A 20190314

Priority
CH 4202018 A 20180329

Abstract (en)
[origin: CN110318124A] The invention relates to a method and a device for feeding fibrous material (4) to a carding machine (1). The device comprises a hopper (2), a hopper discharge device (5), a feed channel (3) and a fan (18) for compacting the fibrous material (4) in the feed channel (3) to a specific fibrous filler weight. The hopper discharge device (5) has a feed roller (23) which is driven by a frequency converter (23) having a feed chute (25) for metering the fibrous material (4) emerging from the hopper (2) and an open roller (7) for conveying the fibrous material (4) from the feed roller (6) to the feed channel (3). A control system (31) is provided in which a target volumetric flow rate (V) of the fan (18) and a setpoint pressure (P) in a feed channel (3) are associated with respective specific fibrous filler weights for different fibrous filler weights. A pressure measuring device (24) is arranged in the feed channel (3).

IPC 8 full level
D01G 23/04 (2006.01)

CPC (source: CH CN EP)
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Cited by
CN116837497A

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