

Title (en)  
A DEVICE FOR FEEDING FLAKED FIBROUS MATERIAL

Publication  
**EP 0468985 B1 19930804 (DE)**

Application  
**EP 90905468 A 19900410**

Priority  
DE 3912565 A 19890417

Abstract (en)  
[origin: WO9012909A1] In a device for feeding flaked fibrous material into processing machines with an upper filling shaft (1) fitted in a casing, in which a feed roller (8) is arranged at its lower end and cooperates with a beater or opening roller (9) from which a feed shaft (6) runs tangentially, where both the filling (1) and feed (6) shafts have at least one at least partially air-permeable wall (2, 11), where additionally pneumatic compression occurs in the feed shaft through the admission of a compressing airstream (C) and where the transport airflow (A) is discharged at the air-permeable wall (2) of the filling shaft (1), the transport airflow (A) is discharged into an air outlet shaft (3, 4) substantially parallel to the filling and feed shafts (1, 6) within the casing (7) to an air discharge connection (5) arranged downstream of the air-permeable wall (11) of the feed shaft, a part (B) of the transport airflow (A) is taken as a compression airflow (C) into the feed shaft at a branch between the filling (1) and feed (6) shafts and the compression airflow (D) emerging from the air-permeable wall (11) of the feed shaft is taken into the air outlet shaft (4) downstream of the branch.

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IPC 8 full level  
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