

Title (en)
Transport air control.

Title (de)
Transportluftregelung.

Title (fr)
Réglage de l'air de transport.

Publication
EP 0402941 B1 19950510 (DE)

Application
EP 90111351 A 19900615

Priority
• DE 3919744 A 19890616
• DE 3940524 A 19891207

Abstract (en)
[origin: EP0402941A1] A method for operating a pneumatic transport system (12) in a process line of a spinning mill, for example a cleaning line, which leads from a bale-opening machine by way of cleaning (49) and/or mixing (46) and/or proportioning machines (10) to a card installation (76), if appropriate with independently functioning regions, fibre flocks being transported through pipelines by means of air flows generated by fans (14, 32), and these air flows being capable of being influenced by units, such as fans, adjustable flaps and secondary-air ports (suction boxes), is characterised in that a) in critical regions the respective prevailing static pressure is measured by means of pressure sensors (89, 99), and if this is outside a predetermined desired region a correction is made first on one of the units determining this pressure, with the effect of varying the pressure into the desired region required or in the direction of the desired region required, b) the effect of this variation in other regions critically influenced thereby is determined by means of the pressure measured there, and subsequently a variation of a further unit relevant to the pressure in these regions is carried out c) steps a) and b) are repeated where appropriate, if necessary with a variation of other units with the regions effect of an iterative adaptation to the desired regions, that is to say until the measured pressures are in the respective desired regions provided, d) the control steps are carried out in such a way that brief fluctuations occurring are ignored. <IMAGE>

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D01B 3/02 (2006.01); **D01G 23/08** (2006.01); **D01G 31/00** (2006.01)

CPC (source: EP US)
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CH715422A1; EP3913119A1

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