

Title (en)
PNEUMATIC CONVEYING INSTALLATION

Title (de)
PNEUMATISCHE FÖRDERANLAGE

Title (fr)
INSTALLATION DE TRANSPORT PNEUMATIQUE

Publication
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Application
EP 14713380 A 20140314

Priority
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• EP 2014000688 W 20140314

Abstract (en)
[origin: WO2014139683A1] Disclosed is a pneumatic conveying installation, in particular a cut tobacco conveying installation, for conveying a material to be conveyed, in particular cut tobacco, in a gas stream, comprising a plurality of conveying lines (10, 11, 12) that are filled with material to be conveyed in the gas stream, in particular the air stream, and comprising at least one separating device (2) for each of the conveying lines (10, 11, 12). The separating device (2) is integrated into each of the conveying lines (10, 11, 12) and is designed so as to separate the material to be conveyed and to further conduct the remaining gas stream that has been substantially separated from the material to be conveyed in the conveying line. A regulation unit (31, 32, 33) is arranged downstream of each separating device (2) in the conveying line, which regulation unit comprises and regulates a throttle device so as to set a predefined conveying speed in the respective conveying line (10, 11, 12) by setting a throttle level above or equal to a predefined minimum value (R_{min}), wherein the conveying installation has a common conveying device for conveying the material to be conveyed through the conveying lines (10, 11, 12). The conveying installation comprises a control and regulation device (5), which communicates with the conveying device (4) and which is designed to record the momentary throttle levels of the throttle devices and to vary the conveying power of the conveying device (4). The control and regulation device (5) is further designed to vary the conveying power of the conveying device (4) such that the throttle level of at least one throttle device lies, in each case, in the range of the minimum throttle level (R_{min}).

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