

Title (en)

METHOD TO CONTROL A FEEDING UNIT TO FEED COMPONENTS FOR SMOKING ARTICLES

Title (de)

VERFAHREN ZUR STEUERUNG EINER ZUFÜHREINHEIT ZUM ZUFÜHREN VON KOMPONENTEN FÜR RAUCHARTIKEL

Title (fr)

PROCÉDÉ POUR COMMANDER UNE UNITÉ D'ALIMENTATION POUR ALIMENTER DES COMPOSANTS D'ARTICLES À FUMER

Publication

EP 3984381 A3 20220518 (EN)

Application

EP 21202253 A 20211012

Priority

IT 202000023935 A 20201012

Abstract (en)

A method to control a feeding unit (1) to feed components (2) for smoking articles and comprising the steps of: feeding, by means of a first feed (3), a first flow of components (2) having a first pitch (P1); and feeding, by means of a second feed (4), a second flow of components (2) having a second pitch (P1), which is the same as the first pitch (P1). In case of the regular operation of both feeds (3, 4), combining, at a first drum (5), the components (2) of the first and second flows so as to create a third flow of components (2), in which the components (2) of the first flow are alternated with the components (2) of the second flow and have a third pitch (P3) which is smaller than, in particular half, the first pitch (P1) and the second pitch (P1). In case of regular operation of both feeds (3, 4), transferring the components (2) of the third flow from the first drum (5) to a second drum (8) having the same speed as the first drum (5). In case the first feed (3) stops, the steps of: carrying out a pitch reduction of the components (2) of the second flow, in particular at the output of the first drum (5), so as to obtain a third flow of components (2) having a third pitch (P3) which is smaller than, in particular half, the first pitch (P1) and the second pitch (P1); and transferring the components (2) of the third flow from the first drum (5) to the second drum (8).

IPC 8 full level

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- [A] EP 3542650 A2 20190925 - HAUNI MASCHINENBAU GMBH [DE]
- [A] EP 3685684 A1 20200729 - HAUNI MASCHINENBAU GMBH [DE]
- [A] EP 2580969 A2 20130417 - HAUNI MASCHINENBAU AG [DE]

Designated contracting state (EPC)

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