

Title (en)

METHOD TO CONTROL A FEEDING UNIT TO FEED COMPONENTS FOR SMOKING ARTICLES AND CONVEYOR DRUM OF A FEEDING UNIT TO FEED COMPONENTS FOR SMOKING ARTICLES

Title (de)

VERFAHREN ZUM STEUERN EINER ZUFÜHREINHEIT ZUM ZUFÜHREN VON KOMPONENTEN FÜR RAUCHARTIKEL UND FÖRDERTROMMEL EINER ZUFÜHREINHEIT ZUM ZUFÜHREN VON KOMPONENTEN FÜR RAUCHARTIKEL

Title (fr)

PROCÉDÉ DE COMMANDE D'UNE UNITÉ D'ALIMENTATION POUR ALIMENTER DES COMPOSANTS POUR ARTICLES À FUMER ET TAMBOUR CONVOYEUR D'UNE UNITÉ D'ALIMENTATION POUR ALIMENTER DES COMPOSANTS POUR ARTICLES À FUMER

Publication

EP 3984382 A3 20220518 (EN)

Application

EP 21202280 A 20211012

Priority

IT 202000023959 A 20201012

Abstract (en)

A method to control a feeding unit (1) to feed components (2) for smoking articles. The feeding unit (1) has: a first feed (3) containing a first mass of components (2), a second feed (4) containing a second mass of components (2), a first drum (24), which is provided with seats (27) receiving the components (2) from the first feed (3), a second drum (25), which is provided with seats (29) receiving the components (2) from the second feed (4), and a third drum (5), which is provided with seats (7) receiving the components (2) from the first drum (24) and from the second drum (25). The control method, in case of regular operation of both feeds (3, 4), entails the steps of: configuring the first drum (24) and the second drum (25) according to a normal configuration, which entails a normal pitch (P2) between the corresponding seats (27, 29); and transferring the components (2) from the first drum (24) into half the seats (7) of the third drum (5) and the components (2) from the second drum (25) into the remaining half the seats (7) of the third drum (5). The control method, in case the first feed (3) stops, entails the step of: configuring the second drum (25) according to a special configuration, which entails, between the seats (29) of the second drum (25) a special pitch (P1), which half the normal pitch (P2); and transferring the components (2) from the second drum (25) into all the seats (7) of the third drum (5).

IPC 8 full level

A24C 5/47 (2006.01); **A24C 5/32** (2006.01); **A24D 3/02** (2006.01)

CPC (source: EP)

A24C 5/327 (2013.01); **A24C 5/478** (2013.01); **A24D 3/0287** (2013.01)

Citation (search report)

- [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]

Cited by

CN115606839A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3984382 A2 20220420; EP 3984382 A3 20220518; EP 3984382 B1 20231206; IT 202000023959 A1 20220412; PL 3984382 T3 20240415

DOCDB simple family (application)

EP 21202280 A 20211012; IT 202000023959 A 20201012; PL 21202280 T 20211012