

Title (en)

Zig-Zag classifier for a product flow

Title (de)

Zick-Zack-Sichter zum Sichten eines Produktstroms

Title (fr)

Séparateur pour un courant de produits

Publication

**EP 1447015 B1 20070530 (DE)**

Application

**EP 04090050 A 20040213**

Priority

- EP 04090050 A 20040213
- EP 03090042 A 20030215

Abstract (en)

[origin: EP1447015A1] Separating device (10) for separating a product flow, especially for separating parts of a product flow that are to be processed or not to be processed within a distribution device for loading a cigarette-making machine, comprises a vertical zigzag separator (11) and at least one inlet (12) for the product flow to be separated. An insertion aid (18) for the product flow is arranged in the zigzag separator in the region of the inlet. An independent claim is also included for a process for separating a product flow. Preferred Features: The insertion aid is a rotating roller (19). The inlet is formed by two side walls (13, 14) of the zigzag separator. The roller is arranged in the region of a free end (24) of the upper side wall.

IPC 8 full level

**A24C 5/39** (2006.01); **B07B 4/04** (2006.01); **B07B 11/06** (2006.01)

CPC (source: EP)

**A24C 5/396** (2013.01); **B07B 4/04** (2013.01); **B07B 11/06** (2013.01)

Cited by

NL2024017B1; US2022386679A1; US11690394B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1447015 A1 20040818; EP 1447015 B1 20070530**

DOCDB simple family (application)

**EP 04090050 A 20040213**