

Title (en)

A unit for feeding filters to a filter tip attachment machine

Title (de)

Einheit zum Zuführen von Filtern zu einer Filteransetzmachine

Title (fr)

Dispositif pour alimenter des filtres à une assembleuse de filtres

Publication

**EP 1741350 B1 20100303 (EN)**

Application

**EP 06116457 A 20060630**

Priority

IT BO20050448 A 20050704

Abstract (en)

[origin: EP1741350A1] Filter plugs for cigarettes are supplied to a filter tip attachment machine by a feed unit (1) comprising a hopper (5) into which filter plugs (2) of at least one type are directed in succession from a filter maker. The hopper (5) is positioned above a row of rotating drums (11), each furnished peripherally with a plurality of aspirating axial flutes (13) by which the filters are taken up singly from the hopper (5) and directed to a transfer station (15); here, the flutes (13) are aligned axially one by one with the inlet of a pneumatic feed duct connecting with the filter tip attachment machine. The hopper (5) is equipped with sliding baffles (18) by which it can be partitioned to create at least two sectors (17), each serving at least one drum (11), so that filters (2) of different length can be handled simultaneously, and the unit is able to operate in conjunction with filter makers and filter tip attachment machines of more than one type upstream and downstream.

IPC 8 full level

**A24C 5/32** (2006.01); **A24C 5/47** (2006.01)

CPC (source: EP US)

**A24C 5/323** (2013.01 - EP US); **A24C 5/478** (2013.01 - EP US)

Cited by

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