

Title (en)

A method and a machine for manufacturing filters for tobacco products

Title (de)

Verfahren und Maschine zur Herstellung von Filtern für Tabakprodukte

Title (fr)

Méthode et machine pour la production de filtres pour produits de tabac

Publication

EP 1584248 B1 20080611 (EN)

Application

EP 05425201 A 20050407

Priority

IT BO20040202 A 20040408

Abstract (en)

[origin: EP1584248A1] Filters for cigarettes are manufactured on a machine by which a web (15) of activated carbon fibre fabric is decoiled from a roll (18), fed into a fragmentation device (20) and broken up into filaments or particles. The fragments are gathered by a first unit (4) into a continuous flow (5) directed up and through the top outlet (39) of an ascent channel (38) into a further unit (6) with a slidable and air-permeable aspirating belt (40) such as will attract and retain the filaments or particles rising through the channel (38) and shape them progressively into a continuous stream (7) which is then released by the belt (40) to the infeed (45) of a unit (8) equipped with a forming beam (47) along which a strip (10) of paper is wrapped around the continuous stream (7) to form a continuous filter rod (9). Finally, the rod (9) is fed through a rotary cutter (14) and divided into sticks (13) that will provide the single filter plugs (54) for attachment to cigarettes (53). <IMAGE>

IPC 8 full level

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CPC (source: EP US)

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