

Title (en)  
MACHINE FOR MAKING AT LEAST ONE CONTINUOUS ROD OF FILTER MATERIAL OR TOBACCO

Title (de)  
MASCHINE ZUR HERSTELLUNG MINDESTENS EINES KONTINUIRLICHEN STRANGS AUS FILTERMATERIAL ODER TABAK

Title (fr)  
MACHINE DE FABRICATION D'AU MOINS UNE TIGE CONTINUE DE MATÉRIAU DE FILTRE OU DE TABAC

Publication  
**EP 3363303 A1 20180822 (EN)**

Application  
**EP 18156936 A 20180215**

Priority  
IT 201700017840 A 20170217

Abstract (en)  
This invention relates to a machine (1) for making at least one continuous rod (100) of filter material (F) or tobacco (T), comprising a preforming device (3) adapted to receive at least one semi-finished, continuous stream (101) in order to make at least one continuous stream (102). The preforming device (3) comprises at least one oblong tile-shaped member (10) having an inside surface (10') which is configured to progressively reduce the transverse cross section of the semi-finished, continuous stream (101) feeding along it and to channel it into a forming channel (5) of a garniture tongue (4) along which the at least one continuous rod (100) is progressively formed. The machine (1) also comprises suction means for extracting particles of filter material (F) or tobacco (T) from the semi-finished, continuous stream (101). The preforming device (3) has a plurality of openings (11) connected to the suction means to extract the particles of filter material (F) or tobacco (T). [Figure 3]

IPC 8 full level  
**A24C 5/18** (2006.01); **A24D 3/02** (2006.01)

CPC (source: EP)  
**A24C 5/1807** (2013.01); **A24D 3/0233** (2013.01)

Citation (search report)  
• [A] US 2617426 A 19521111 - MOREHEAD PATTERSON  
• [A] WO 8402257 A1 19840621 - MOLINS PLC [GB]  
• [A] US 4015514 A 19770405 - NICHOLS WALTER A  
• [A] EP 0269915 A2 19880608 - RHODIA AG [DE]  
• [A] US 5163452 A 19921117 - MARRITT CLIFFORD R [US], et al

Cited by  
EP3729975A1; IT201900005856A1; CN110326816A

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 3363303 A1 20180822; EP 3363303 B1 20190731**; IT 201700017840 A1 20180817

DOCDB simple family (application)  
**EP 18156936 A 20180215**; IT 201700017840 A 20170217