

Title (en)

APPARATUS AND METHOD FOR SUPPLYING FLUIDS INTO A ROD AND ROD MAKER WITH SUCH AN APPARATUS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ZUFÜHREN VON FLUIDEN IN EINEN STRANG SOWIE STRANGMASCHINE MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR L'ARRIVÉE DE FLUIDES DANS UN BOUDIN ET BOUDINEUSE ÉQUIPÉE D'UN TEL DISPOSITIF

Publication

**EP 2637520 B1 20141231 (DE)**

Application

**EP 10781441 A 20101111**

Priority

EP 2010006984 W 20101111

Abstract (en)

[origin: WO2012062345A1] The invention relates to a device (10) designed and equipped to feed fluids into a rod (12) within a rod-making machine (11) in the tobacco processing industry, comprising an injection unit (25) which is provided with a pressure element (24) and which is characterized in that the injection unit (25) has an upright hollow shaft (26) and a rotating body (27) driven in rotation and mounted in a sealed manner on the hollow shaft (26), wherein the hollow shaft (26) has a holding chamber (28) for the fluid connected to the pressure element (24) and also at least one through-hole (29) directed radially outward from the holding chamber (28), and the rotating body (27) likewise has at least one radially directed through-hole (30) in such a way that the or each through-hole (30) in the rotating body (27) can be made to overlap the through-hole (29) of the hollow shaft (26) by means of rotation about the hollow shaft (26). The invention further relates to a rod-making machine having such a device (10) and to a corresponding method.

IPC 8 full level

**A24C 5/18** (2006.01); **B05B 1/08** (2006.01); **B05B 3/02** (2006.01); **B05B 12/06** (2006.01)

CPC (source: EP)

**A24C 5/1892** (2013.01); **A24D 3/022** (2013.01); **B05B 1/083** (2013.01); **B05B 3/027** (2013.01); **B05B 12/06** (2013.01)

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

DOCDB simple family (publication)

**WO 2012062345 A1 20120518**; CN 103188954 A 20130703; CN 103188954 B 20160810; EP 2637520 A1 20130918; EP 2637520 B1 20141231

DOCDB simple family (application)

**EP 2010006984 W 20101111**; CN 201080070107 A 20101111; EP 10781441 A 20101111