

Title (en)  
TEMPERATURE CONTROL OF A FORMING DEVICE FOR A FILTER ROD MACHINE OR TOBACCO ROD MACHINE

Title (de)  
FORMATTEMPERIERUNG FÜR EINE FILTERSTRANGMASCHINE ODER TABAKSTRANGMASCHINE

Title (fr)  
MISE À TEMPÉRATURE DE FORMAT POUR UNE BOUDINEUSE DE FILTRE OU UNE BOUDINEUSE DE TABAC

Publication  
**EP 2509456 A1 20121017 (DE)**

Application  
**EP 10790354 A 20101202**

Priority  
• DE 102009054553 A 20091211  
• EP 2010007325 W 20101202

Abstract (en)  
[origin: WO2011069616A1] The invention relates to a temperature control device (20, 40) for a forming device of a machine in the tobacco-processing industry, in particular a filter rod machine or tobacco rod machine, wherein the temperature control device (20, 40) comprises at least one temperature control surface member (7, 7', 45, 45') having a temperature control surface und at least one temperature control member (6, 6', 43, 43', 44, 44'), which is designed integrally with the at least one temperature control surface member (7, 7', 45, 45') or is or can be thermally conductively connected to the at least one temperature control surface member (7, 7', 45, 45'). The invention further relates to a method for operating a machine in the tobacco-processing industry, in particular a filter rod machine or tobacco rod machine, wherein a filter rod (8, 8') or tobacco rod is wrapped with an enveloping paper strip, which is provided on a glued seam with an adhesive, in particular a hot-setting adhesive or a cold-setting adhesive, wherein the wrapped filter rod (8, 8') is conveyed through a forming device having an upper forming unit and/or a lower forming unit with a cooling bridge (7, 7', 45, 45') for the glued seam, and the invention also relates to the use thereof. The cooling device (20, 40) according to the invention is characterised in that it comprises at least one Peltier element (23, 23') by means of which the cooling member (6, 6', 43, 43', 44, 44') can be cooled.

IPC 8 full level  
**A24C 5/18** (2006.01); **A24C 5/26** (2006.01); **A24D 3/02** (2006.01)

CPC (source: EP)  
**A24C 5/18** (2013.01); **A24C 5/26** (2013.01); **A24D 3/0233** (2013.01)

Citation (search report)  
See references of WO 2011069616A1

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)  
**DE 102009054553 A1 20110616**; **DE 102009054553 A8 20111110**; **DE 102009054553 A8 20120105**; CN 102665454 A 20120912;  
CN 102665454 B 20160420; EP 2509456 A1 20121017; EP 2509456 B1 20181010; PL 2509456 T3 20190329; WO 2011069616 A1 20110616

DOCDB simple family (application)  
**DE 102009054553 A 20091211**; CN 201080056153 A 20101202; EP 10790354 A 20101202; EP 2010007325 W 20101202;  
PL 10790354 T 20101202