

Title (en)

Heating device for the glue seam of a rod in the tobacco industry

Title (de)

Vorrichtung zum Erwärmen der beleimten Überlappungsnaht eines Stranges der tabakverarbeitenden Industrie

Title (fr)

Dispositif de chauffage du joint collé d'une tige dans l'industrie du tabac

Publication

EP 0780059 B1 20010606 (DE)

Application

EP 96119577 A 19961206

Priority

DE 19548148 A 19951222

Abstract (en)

[origin: EP0780059A1] The heating strip (4), at least on its surface (11) facing the overlapping seam, is made of ceramic material. Inside the strip is an electrical heating conductor (6), made from electrical current-conductive ceramic material. The heating strip, at least between the heating conductor and the surface (11), is of heat-conducting ceramic. The heating strip of ceramic material comprises several sections (4a,4b), the temperatures of which are separately controllable. The temperature of the heating strip in the movement direction of the overlapping seam reduces sectionally or continuously. The ceramic material for increasing its heat conductivity is coated with tantalum nitride.

IPC 1-7

A24C 5/26

IPC 8 full level

A24C 5/26 (2006.01); **A24D 3/02** (2006.01); **B29C 65/24** (2006.01); **B29L 7/00** (2006.01)

CPC (source: EP US)

A24C 5/26 (2013.01 - EP US)

Cited by

DE102012207397A1; WO2013164094A1; CN104270969A; WO2007134699A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0780059 A1 19970625; EP 0780059 B1 20010606; AT E201812 T1 20010615; CN 1065420 C 20010509; CN 1160517 A 19971001; DE 19548148 A1 19970626; DE 59607041 D1 20010712; ES 2158219 T3 20010901; JP 3813675 B2 20060823; JP H09187265 A 19970722; US 5862807 A 19990126

DOCDB simple family (application)

EP 96119577 A 19961206; AT 96119577 T 19961206; CN 96123247 A 19961220; DE 19548148 A 19951222; DE 59607041 T 19961206; ES 96119577 T 19961206; JP 34181596 A 19961220; US 76069796 A 19961205