

Title (en)

Device for measuring the temperature of a heated roller

Title (de)

Vorrichtung zum Messen der Temperatur einer Heizgalette

Title (fr)

Dispositif de mesure de la température d'un rouleau chauffé

Publication

EP 1247884 A3 20031126 (DE)

Application

EP 02405183 A 20020311

Priority

CH 6392001 A 20010404

Abstract (en)

[origin: EP1247884A2] A textile machine has a heated galette roller (22) with a temperature probe (14, 15) located in an air gap (3) open to one side. The air gap has especially a cylindrical form and is enclosed on three sides by the roller mantle (22). The (22) roller has a raised edge (24) creating additional material thickness to accommodate the cylindrical air gap (3). The probe (15) extends is presented sideways along a centreline in line with the galette outer surface (23) over which fibre runs. The raised edge is formed to provide optimum and uniform heat flow. The roller (22) fully surrounds a cage-ring (21).

IPC 1-7

D02J 13/00; H05B 6/14

IPC 8 full level

D02J 13/00 (2006.01)

CPC (source: EP)

D02J 13/005 (2013.01)

Citation (search report)

- [A] GB 1319318 A 19730606 - PLATT INTERNATIONAL LTD
- [A] DE 2517731 A1 19761104 - ZINSER TEXTILMASCHINEN GMBH
- [A] US 3697726 A 19721010 - GERONIME ROBERT L

Cited by

US8148028B2; US8679699B2; US8679705B2; US8034508B2; US8349515B2; US8426081B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1247884 A2 20021009; EP 1247884 A3 20031126; CH 695900 A5 20061013

DOCDB simple family (application)

EP 02405183 A 20020311; CH 6392001 A 20010404