

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**