

Title (en)  
Monitoring of a fibrous web

Title (de)  
Faserstoffbahnüberwachung

Title (fr)  
Surveillance d'une bande fibreuse

Publication  
**EP 1270475 A3 20040428 (DE)**

Application  
**EP 02011402 A 20020524**

Priority  
DE 10131281 A 20010628

Abstract (en)  
[origin: EP1270475A2] The method for detecting the presence of a band (1) of paper, cardboard or textile in a manufacturing or converting machine which is fed through by an endless belt (2) comprises detecting fracture or removal of the band by changes in the temperature of: (a) the side of the band which is not in contact with the belt in the area where it is supported by it; (b) the side of the belt which faces the band at the point where it leaves it; or (c) the inner side of the belt. An Independent claim is included for a machine in which the method is used.

IPC 1-7  
**B65H 26/06**; **G01S 17/02**

IPC 8 full level  
**B65H 20/06** (2006.01); **B65H 26/02** (2006.01); **D21F 7/04** (2006.01)

CPC (source: EP US)  
**B65H 20/06** (2013.01 - EP US); **B65H 26/025** (2013.01 - EP US); **D21F 7/04** (2013.01 - EP US); **B65H 2515/40** (2013.01 - EP US);  
**B65H 2801/84** (2013.01 - EP US)

Citation (search report)  
• [A] DE 4126601 A1 19930218 - FOTOELEKTRIK PAULY GMBH [DE]  
• [A] US 5386117 A 19950131 - PIETY KENNETH R [US], et al

Cited by  
EP1640497A3; US7473335B2

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 1270475 A2 20030102**; **EP 1270475 A3 20040428**; **EP 1270475 B1 20060503**; CA 2392067 A1 20021228; DE 10131281 A1 20030109;  
DE 50206628 D1 20060608; US 2003000671 A1 20030102; US 6706149 B2 20040316

DOCDB simple family (application)  
**EP 02011402 A 20020524**; CA 2392067 A 20020627; DE 10131281 A 20010628; DE 50206628 T 20020524; US 17595102 A 20020621