

Title (en)
Press roll surveillance

Title (de)
Presswalzenüberwachung

Title (fr)
Surveillance d'un rouleau de presse

Publication
EP 1693509 A1 20060823 (DE)

Application
EP 05111361 A 20051128

Priority
DE 102005007835 A 20050221

Abstract (en)
Monitoring a press roll (4) in a machine for producing or finishing a fibrous web (1), where the press roll comprises a rotating cylinder (2) supported on a static pressure element (3) and the gap between the cylinder and the pressure element is lubricated with a liquid lubricant, comprises monitoring the state of the cylinder with optical and/or thermographic sensors that send a fault signal to a control unit (10) in the event of leakage or impending leakage, where either one sensor monitors the surface of the web or a tracer is added to the lubricant to improve optical leak detection.

IPC 8 full level
D21F 3/02 (2006.01); **D21G 9/00** (2006.01); **G01M 3/04** (2006.01); **G01M 99/00** (2011.01)

CPC (source: EP)
B30B 15/0088 (2013.01); **D21F 3/0218** (2013.01); **D21G 9/0036** (2013.01); **B30B 3/04** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT DE FI FR IT SE

DOCDB simple family (publication)
EP 1693509 A1 20060823; **EP 1693509 B1 20110323**; AT E503055 T1 20110415; DE 102005007835 A1 20060831; DE 502005011155 D1 20110505

DOCDB simple family (application)
EP 05111361 A 20051128; AT 05111361 T 20051128; DE 102005007835 A 20050221; DE 502005011155 T 20051128