

Title (en)  
Papermaking machine

Title (de)  
Papiermaschine

Title (fr)  
Machine à papier

Publication  
**EP 1596002 B1 20080507 (DE)**

Application  
**EP 05101128 A 20050215**

Priority  
DE 102004018522 A 20040414

Abstract (en)  
[origin: EP1596002A1] The machine for the production or finishing of paper, tissue or cardboard. from a pulp, has at least one marking unit (9) to apply at least two marks to the web (1), with a longitudinal gap between them in the direction of web travel. A monitor (10) is after the marking unit, to measure the space between the marks by scanning without contact. The marking unit is at the fourdrinier or the press section. A further monitor is at a roller (13), as a rotary transmitter (14) or trigger, which measures moving web lengths especially as an encoder or a drive signal meter. A control (15) compares the signals from the two monitors, linked to an evaluation unit (21) which is connected to a further control (20) with an off-line processor (16).

IPC 8 full level  
**D21G 9/00** (2006.01); **D21F 7/00** (2006.01)

CPC (source: EP US)  
**D21F 7/00** (2013.01 - EP US); **D21G 9/0009** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1596002 A1 20051116; EP 1596002 B1 20080507**; AT E394545 T1 20080515; DE 102004018522 A1 20051103;  
DE 502005003946 D1 20080619; US 2005274474 A1 20051215

DOCDB simple family (application)  
**EP 05101128 A 20050215**; AT 05101128 T 20050215; DE 102004018522 A 20040414; DE 502005003946 T 20050215;  
US 10461305 A 20050413