

Title (en)  
Method of operating a papermaking machine and papermaking machine

Title (de)  
Verfahren zum Betreiben einer Papiermaschine sowie Papiermaschine

Title (fr)  
Procédé d'exploitation d'une machine à papier et machine à papier

Publication  
**EP 1348807 B1 20060405 (DE)**

Application  
**EP 03100340 A 20030214**

Priority  
DE 10213851 A 20020327

Abstract (en)  
[origin: EP1348807A1] A paper-processing machine has two cylinders (12, 14) forming a nip gap through which a paper web feeds continually. The nip gap (16) is esp. monitored by a sound emitter and detector (18) in air close to an elastic cylinder (12). The sound detector (18) is located in the immediate vicinity of the gap and operates on a continuous, semi-continuous or intermittent basis. The detector is coupled to a measurement and control unit (22) which gives a warning when the sound passes a pre-determined threshold linked to the barring effect associated with the onset of faulty paper quality. The measurement and control unit is further linked to a cooling water supply to the cylinder.

IPC 8 full level  
**D21G 1/00** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP US)  
**D21G 1/008** (2013.01 - EP US); **D21G 9/0045** (2013.01 - EP US)

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