

Title (en)

Method and apparatus for adding minute fibers etc. at press section of a paper machine

Title (de)

Verfahren und Vorrichtung zum Hinzufügen von dünnen Fasern in der Pressenpartie einer Papiermaschine

Title (fr)

Méthode et appareil pour ajouter des fibres fines dans la section de pressage d'une machine à papier

Publication

**EP 0881329 A2 19981202 (EN)**

Application

**EP 98303888 A 19980518**

Priority

JP 14122497 A 19970530

Abstract (en)

After a film of a minute fiber suspension is formed on the surface of an applicator roll 22 disposed at a press section of a paper machine, the suspension is applied to at least one surface of a wet paper web 4. The weight concentration of minute fibers in the suspension used is set at 3.0 to 5.0%, the amount of minute fibers applied to the surface of wet paper is set at 0.2 to 2.0 g/m<2> per one surface of the wet surface 4, and the amount of paper strength increasing agent is set at 0.5 to 2.0 g/m<2> per one surface of the wet surface 4. A paper strength increasing agent may be mixed with the suspension of minute fibers prior to forming the film on the roll 22. <IMAGE>

IPC 1-7

**D21F 7/00**; D21F 3/00; D21H 23/56; D21H 23/78

IPC 8 full level

**B05D 1/28** (2006.01); **B05C 1/08** (2006.01); **B05D 7/00** (2006.01); **B05D 7/24** (2006.01); **D21F 11/04** (2006.01); **D21H 17/24** (2006.01); **D21H 19/34** (2006.01); **D21H 23/00** (2006.01); **D21H 23/28** (2006.01); **D21H 15/02** (2006.01)

CPC (source: EP)

**D21F 11/04** (2013.01); **D21H 23/28** (2013.01); **D21H 15/02** (2013.01)

Cited by

CN105603802A; EP1234912A3; US6994771B1; WO0055423A1

Designated contracting state (EPC)

DE FI GB IT

DOCDB simple family (publication)

**EP 0881329 A2 19981202**; **EP 0881329 A3 19990721**; JP 3771673 B2 20060426; JP H10331093 A 19981215

DOCDB simple family (application)

**EP 98303888 A 19980518**; JP 14122497 A 19970530