

Title (en)

BRIDGE DEVICE FOR PAPER FORMING EQUIPMENT AND METHOD

Title (de)

BRÜCKENVORRICHTUNG UND VERFAHREN FÜR PAPIERMASCHINE

Title (fr)

PONT DESTINE A UN EQUIPEMENT DE FORMAGE DU PAPIER ET METHODE APPROPRIEE

Publication

**EP 1117868 A1 20010725 (EN)**

Application

**EP 99951590 A 19990924**

Priority

- US 9922202 W 19990924
- US 10249798 P 19980930
- US 37201099 A 19990811

Abstract (en)

[origin: WO0019008A1] A bridge (70) for a papermaking apparatus having a headbox (12), an apron lip (42) and a forming surface (16). The bridge spans a gap between the apron lip of the headbox and the forming surface to substantially eliminate a free jet of stock slurry as it leaves the headbox apron lip. This serves to maintain pressure from the headbox to the forming zone above the forming surface thereby eliminating the reduction in velocity of the stock slurry in the forming zone. In an aspect of the invention, the bridge generates micro-turbulent flow of stock slurry within the forming zone.

IPC 1-7

**D21F 1/04**; **D21F 1/02**

IPC 8 full level

**D21F 1/02** (2006.01); **D21F 1/04** (2006.01)

CPC (source: EP)

**D21F 1/02** (2013.01); **D21F 1/028** (2013.01); **D21F 1/046** (2013.01)

Citation (search report)

See references of WO 0019008A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0019008 A1 20000406**; AR 020678 A1 20020522; AU 6400399 A 20000417; CA 2344343 A1 20000406; CO 5021168 A1 20010327; EP 1117868 A1 20010725; PE 20001217 A1 20001114; TW 579401 B 20040311

DOCDB simple family (application)

**US 9922202 W 19990924**; AR P990104973 A 19990930; AU 6400399 A 19990924; CA 2344343 A 19990924; CO 99061731 A 19990929; EP 99951590 A 19990924; PE 00099399 A 19990930; TW 88116880 A 19991105