

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

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Application

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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.

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