

Title (en)  
Dewatering apparatus.

Title (de)  
Entwässerungsanlage.

Title (fr)  
Appareil de dèshydratation.

Publication  
**EP 0241439 A2 19871014 (EN)**

Application  
**EP 87850008 A 19870107**

Priority  
US 81703486 A 19860108

Abstract (en)  
A hydrofoil blade and support for use in a paper making machine, and a method using a hydrofoil blade for dewatering and forming a paper web on a paper machine forming medium wherein a single phase fluid is formed in a gap between the hydrofoil blade and forming medium, and the gap is extended a sufficient distance in the machine direction to prevent expansion and corresponding cavitation of the single phase fluid in the gap.

IPC 1-7  
**D21F 1/48**

IPC 8 full level  
**D21F 1/48** (2006.01)

CPC (source: EP)  
**D21F 1/483** (2013.01)

Cited by  
US5562807A; EP0545886A1

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**EP 0241439 A2 19871014; EP 0241439 A3 19880107**; AU 591955 B2 19891221; AU 6718987 A 19870709; BR 8700034 A 19871201; CA 1277531 C 19901211; FI 870048 A0 19870107; FI 870048 A 19870709; JP S62215088 A 19870921; NO 865051 D0 19861215; NO 865051 L 19870709

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**EP 87850008 A 19870107**; AU 6718987 A 19870107; BR 8700034 A 19870107; CA 526816 A 19870107; FI 870048 A 19870107; JP 26087 A 19870106; NO 865051 A 19861215