

Title (en)
DEWATERING PRESS WITH STEAM SUPPLY

Publication
EP 0304561 B1 19911127 (DE)

Application
EP 88108738 A 19880601

Priority
DE 3728124 A 19870822

Abstract (en)
[origin: EP0304561A1] The dewatering of the paper web (1) takes place by means of a flow of steam led through the paper web (1) in a press nip (2) between two pressing surfaces (3 and 4) under such pressure that at least part of the paper web (1) becomes saturated. In order to effect this flow of steam, means are introduced in the area of the press nip (2) to guide the flow of steam from the upper to the under surface of the paper web (1) running through the press nip (2) with simultaneous removal from the undersurface of the paper web. In one embodiment, the means are an upper roll (3) with a perforated jacket (5), through which the externally produced steam is led under pressure into the press nip (2), and a lower roll (4) with a perforated jacket (6), through which the steam, together with the liquid expressed from the paper web, is sucked out and removed.
<IMAGE>

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D21F 3/02 (2006.01)

CPC (source: EP)
D21F 3/0218 (2013.01); **D21F 3/0272** (2013.01); **B65H 2801/84** (2013.01)

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EP 0151447 A2 19850814 - ESCHER WYSS GMBH [DE]

Cited by
EP0780512A1; EP1362950A1; EP0818573A3; EP1088933A3; EP4230792A1; US6645420B1

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