

Title (en)

WET PRESS FOR DEWATERING A WEB MATERIAL

Publication

**EP 0155465 B1 19871125 (DE)**

Application

**EP 85100814 A 19850126**

Priority

CH 53384 A 19840206

Abstract (en)

[origin: US4556454A] In a wet press for dewatering a web of material, for instance a web of paper, a contact pressure device presses against a rotating roll and exerts a pressure which increases in the travel direction of the web of paper. For this purpose, several rows of contact pressure elements are arranged sequentially in the travel direction of the web of paper. In each row the contact pressure elements are arranged side by side transversely to the travel direction of the web of paper. In order to circumvent a differential dewatering at the location of the contact pressure elements and at the gaps between the contact pressure elements of a row, the contact pressure elements of successive rows are shifted or staggered in relation to one another transversely to the web of material such that they mutually overlap. This prevents the arisal of strips in the paper being processed.

IPC 1-7

**D21F 3/02**

IPC 8 full level

**D21F 3/02** (2006.01)

CPC (source: EP US)

**D21F 3/0218** (2013.01 - EP US)

Cited by

WO9105913A1; WO9100389A1

Designated contracting state (EPC)

AT DE GB

DOCDB simple family (publication)

**US 4556454 A 19851203**; AT E31097 T1 19871215; CA 1234307 A 19880322; DE 3408119 A1 19850814; DE 3408119 C2 19870619; DE 3561077 D1 19880107; EP 0155465 A1 19850925; EP 0155465 B1 19871125; FI 850164 A0 19850115; FI 850164 L 19850807

DOCDB simple family (application)

**US 69585385 A 19850128**; AT 85100814 T 19850126; CA 473531 A 19850204; DE 3408119 A 19840306; DE 3561077 T 19850126; EP 85100814 A 19850126; FI 850164 A 19850115