

Title (en)
SMOOTHING DEVICE

Title (de)
GLÄTTVORRICHTUNG

Title (fr)
DISPOSITIF DE LISSAGE

Publication
EP 1478806 B1 20070411 (DE)

Application
EP 03708090 A 20030211

Priority
• DE 10207375 A 20020222
• EP 0301315 W 20030211

Abstract (en)
[origin: WO03071028A1] The invention relates to a smoothing device of a press system for dewatering a paper sheet, cardboard sheet, tissue web, or another fibrous web (1, 20, 53) in a machine used for the production and/or processing thereof. The fibrous web (1, 20, 53) runs through at least one press gap together with a water-absorbent, rough, continuous band (2, 24) and a continuous, smooth band (3, 25) disposed across from the fibrous web (1, 20, 53). The rough band (2, 24) is directed away from the fibrous web (1, 20, 53) after passing through the press gap. The two-sidedness is reduced in a simple manner by having the smooth band (3, 25) form a smoothing gap with a smoothing element comprising a smooth press surface once the rough band (2, 24) has been directed away from the fibrous web.

IPC 8 full level
D21F 3/02 (2006.01); **D21F 3/04** (2006.01)

CPC (source: EP US)
D21F 3/04 (2013.01 - EP US); **D21F 3/045** (2013.01 - EP US)

Citation (examination)
DE 4440948 A1 19960523 - VOITH GMBH J M [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03071028 A1 20030828; AT E359393 T1 20070515; AU 2003212238 A1 20030909; DE 10305754 A1 20030918; DE 50307015 D1 20070524; EP 1478806 A1 20041124; EP 1478806 B1 20070411; US 2005016703 A1 20050127

DOCDB simple family (application)
EP 0301315 W 20030211; AT 03708090 T 20030211; AU 2003212238 A 20030211; DE 10305754 A 20030211; DE 50307015 T 20030211; EP 03708090 A 20030211; US 92172404 A 20040819