

Title (en)

METHOD AND APPARATUS FOR MANUFACTURING PAPER AND PAPERBOARD

Publication

**EP 0043289 A3 19820120 (EN)**

Application

**EP 81302997 A 19810701**

Priority

GB 8021673 A 19800702

Abstract (en)

[origin: EP0043289A2] In the manufacture of paper or paperboard, a web of fibrous cellulosic material is wet-formed on an endless foraminous forming band (11), is partially dewatered in a vacuum dewatering stage (13) and is then dried. In order to improve drying of the web and reduce energy consumption and space utilization, the partially dewatered web is subjected to a press-drying stage whilst supported by the forming band (11). In this press-drying stage, the web and band are advanced through a plurality of pressure nips (15-24) provided between two rotating heated drying cylinders (18,25) and a plurality of cooperating pressure rollers (19-28), and the web is pressed into contact with the circumferences of the cylinders between the pressure nips by the forming band (11).

IPC 1-7

**D21F 3/02**; **D21F 11/04**; **D21F 11/14**; **D21H 5/26**

IPC 8 full level

**D21F 5/02** (2006.01); **D21F 1/00** (2006.01); **D21F 3/02** (2006.01); **D21F 9/02** (2006.01); **D21F 11/04** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP)

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Citation (search report)

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