

Title (en)

Method and apparatus for manufacturing paper and paperboard.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Papier und Pappe.

Title (fr)

Procédé et dispositif pour fabriquer le papier et le carton.

Publication

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Application

EP 81302997 A 19810701

Priority

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Abstract (en)

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).

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CPC (source: EP)

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