

Title (en)

HIGH PERFORMANCE PAPER AND PROCESS FOR PRODUCING THE SAME

Title (de)

HOCHLEISTUNGSFÄHIGES PAPIER UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)

PAPIER HAUTE QUALITE ET PROCEDE DE FABRICATION CORRESPONDANT

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Application

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Abstract (en)

The present invention provides as a first feature thereof a process for producing paper which is characterized in that material paper is passed through a nip provided by a metal roll and another metal roll under a linear pressure of 200 to 2500 kg/cm. The present invention provides as a second feature thereof a paper which is characterized in that the paper is produced by forming a coating layer containing a moisture-proof resin is formed on both surfaces of material paper before or after the material paper is passed through a nip provided by a metal roll and another metal roll under a linear pressure of 200 to 2500 kg/cm. The present invention provides as a third feature thereof a paper which is characterized in that the paper is produced by incorporating an interfiber crosslinking agent for cellulose into material paper, and thereafter passing the material paper through a nip provided by a metal roll and another metal roll under a linear pressure of 200 to 2500 kg/cm. The present invention provides as a fourth feature thereof a process for producing paper comprising at least two laminated sheets of paper, the process being characterized by passing at least two sheets of material paper through a nip provided by a metal roll and another metal roll under a linear pressure of 500 to 2500 kg/cm.

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