

Title (en)

FILLER FOR THE MANUFACTURE OF BASE PAPER AND METHOD FOR THE MANUFACTURE OF BASE PAPER

Title (de)

FÜLLSTOFF ZUR HERSTELLUNG VON STREICHPAPIER SOWIE VERFAHREN ZUR HERSTELLUNG VON STREICHPAPIER

Title (fr)

CHARGE UTILISEE DANS LA FABRICATION DU PAPIER SUPPORT ET PROCEDE DE FABRICATION DU PAPIER SUPPORT

Publication

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Application

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Abstract (en)

[origin: WO03050355A1] The invention relates to the use of precipitated calcium carbonates (PCC) as fillers for the manufacture of base paper together with mechanical hardwood pulp and chemical softwood pulp, and to a method for the manufacture of base paper, in which method pulp produced from hard woods, in particular from the wood of the genus Populus, and chemical softwood pulp are used together with a PCC filler. The use of precipitated calcium carbonate (PCC) for the manufacture of base paper together with mechanical hardwood pulp and chemical softwood pulp is characterized in that ≥ 20 wt-% of the fibres of the mechanical hardwood pulp is included in the fibre size fraction of < 200 mesh and $10 - 40$ wt-% of them is included in the fibre size fraction of $28/48$ mesh, the brightness of the mechanical hardwood pulp is ≥ 75 , the particle size distribution of the precipitated calcium carbonate is $90\% \leq 9$ microm, $50\% \leq 5$ microm and $20\% \leq 1.5$ microm, and the basis weight of the base paper is $25 - 150$ g/m².

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D21H 17/67; **D21H 11/08**

IPC 8 full level

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