

Title (en)
PROCESS FOR THE PREPARATION OF A MIXTURE OF CELLULOSIC FIBERS AND MICROFIBERS

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER MISCHUNG VON CELLULOSISCHEN FASERN UND MIKROFASERN

Title (fr)
PROCEDE DE PREPARATION D'UN MELANGE DE FIBRES ET DE MICROFIBRES CELLULOSIQUES

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Abstract (en)
[origin: FR2735794A1] The present invention relates to a process for the preparation of a mixture of cellulosic fibers and microfibers. Said process comprises the preparation of a cellulosic solution (C); the extrusion of said solution (C) through the hole or holes of a die (1); bursting said solution (C) when it comes out of said hole or holes by projecting a liquid or gas fluid (F) in a direction making an angle lower than or equal to 75 degrees with the axes of said die (1), said fluid (F) being neutral or appropriate to regenerate or precipitate, only partially, the cellulose; receiving, in a cellulose precipitation or regeneration bath, the dispersion generated at the bursting step; recovery of the fibers and microfibers more or less bonded, obtained in said bath. Said process provides for the preparation of mixtures rich in microfibers (with a titration lower than 1 dtex, particularly between 0.5 and 0.3 dtex). It also provides for the continuous preparation of non woven materials.

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