

Title (en)
LOW-WEIGHT NEEDLED FABRIC, METHOD FOR THE PRODUCTION THEREOF AND USE OF SAME IN A DIFFUSION LAYER FOR A FUEL CELL

Title (de)
LEICHTES VERNADELTES GEWEBE, VERFAHREN ZU DESSEN HERSTELLUNG UND DESSEN VERWENDUNG IN EINER DIFFUSIONSSCHICHT FÜR EINE BRENNSTOFFZELLE

Title (fr)
TISSU AIGUILLETÉ DE FAIBLE GRAMMAGE, SON PROCÉDÉ DE FABRICATION ET SON UTILISATION DANS UNE COUCHE DE DIFFUSION POUR UNE PILE À COMBUSTIBLE

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Application
EP 16793966 A 20161014

Priority
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Abstract (en)
[origin: WO2017064443A1] The invention relates to a fabric comprising carbon threads, said fabric having a mass per unit area in the range from 40 g/m² to 100 g/m², preferably in the range from 40 g/m² to 80 g/m², particularly in the range from 60 g/m² to 80 g/m², and characterised in that it comprises discontinuous fibres, said discontinuous fibres extending from threads constituting the fabric from which they come and extending non-parallel to the direction of the thread from which they come and/or in that the fabric is needled. The invention also relates to the use of said fabric in a diffusion layer for a fuel cell and a method for producing said diffusion layer.

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Citation (search report)
See references of WO 2017064443A1

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