

Title (en)
METHOD FOR MANUFACTURING THIN GLASS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON DÜNNGLAS

Title (fr)
PROCEDE DE FABRICATION DE VERRE MINCE

Publication
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Application
EP 15725785 A 20150422

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Abstract (en)
[origin: WO2015166169A1] The invention relates to a method for manufacturing flat glass including the following consecutive steps: (a) applying a layer of a glass frit to a glass fabric, the glass of the frit and of the fabric having essentially the same composition; (b) heating the glass fibre so as to bring the layer of glass frit to a temperature $T > T_L - 20^\circ\text{C}$, wherein T_L is the Littleton temperature of the glass frit, during a time that is long enough for converting the layer of frit into a layer of enamel with the same composition as the glass fabric; and (c) cooling the glass fibre, impregnated with the enamel or supporting a layer of enamel, obtained in step (b), so as to obtain a sheet of glass. The invention also relates to a sheet of glass which can be obtained by said method.

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