

Title (en)

LUMINESCENT TEXTURED GLASS FOR GREENHOUSE

Title (de)

LUMINESZIERENDES TEXTURIERTES GLAS FÜR EIN GEWÄCHSHAUS

Title (fr)

VERRE TEXTURE LUMINESCENT POUR SERRE

Publication

EP 3879969 A1 20210922 (FR)

Application

EP 19835444 A 20191114

Priority

- FR 1860581 A 20181116
- FR 2019052712 W 20191114

Abstract (en)

[origin: WO2020099797A1] Disclosed is a laminated glass item for a horticultural greenhouse, comprising at least one extra-clear glass substrate, having first and second main faces, the substrate having, on one of the main faces, a raised texture, the texture being such that its mean slope P_m is greater than 0.5° and less than or equal to 7° , the substrate further comprising at least one layer comprising luminophores on one of the main faces of the glass substrate, or luminophore particles dispersed on one of the main faces of the glass substrate, the luminophores consisting of a material converting at least part of the incident radiation outside the glazing into radiation extracted by at least one other main face or an edge of the glazing, in which the luminophores emit a main radiation centred on a wavelength between 600 and 750 nm.

IPC 8 full level

A01G 9/24 (2006.01); **A01G 9/14** (2006.01); **C03B 13/08** (2006.01); **C03C 17/00** (2006.01)

CPC (source: EP)

C03C 17/007 (2013.01); **A01G 9/243** (2013.01); **C03B 13/08** (2013.01); **C03C 2204/08** (2013.01); **C03C 2217/48** (2013.01); **Y02A 40/25** (2017.12); **Y02P 60/12** (2015.11)

Citation (search report)

See references of WO 2020099797A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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