

Title (en)

METHOD FOR PRODUCING ILLUMINATED LAMINATED GLAZING, WHICH IS TRANSPARENT IN A NON-ILLUMINATED STATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BELEUCHTETEN, IN EINEM UNBELEUCHTETEN ZUSTAND TRANSPARENTEN VERBUNDSCHEIBE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN VITRAGE FEUILLETÉ ÉCLAIRANT TRANSPARENT À L'ÉTAT ÉTEINT

Publication

EP 4370327 A1 20240522 (FR)

Application

EP 22744247 A 20220616

Priority

- FR 2107648 A 20210715
- FR 2022051170 W 20220616

Abstract (en)

[origin: WO2023285743A1] The invention relates to a method for producing laminated glazing, comprising at least two sheets of glass bonded to one another by an adhesive interlayer, characterised in that it comprises, prior to the assembly of the laminated glazing, digitally printing a face intended to be on the inside of the laminated structure, at least one of the two glass sheets after the optional forming/curving thereof and/or at least one face of the adhesive interlayer by means of a homogeneous organic ink having a viscosity between 1 and 50 mPa.s comprising 50 to 99% by weight of resin curable under ultraviolet radiation and 0.05 to 20% by weight of diffusing particles, and subsequently curing, by means of UV light, the organic ink; using the laminated glazing obtained by said method as a glazing for a ground, water or air vehicle, or as a glazing for a building.

IPC 8 full level

B32B 17/10 (2006.01); **B41J 3/407** (2006.01); **B41M 5/00** (2006.01); **C09D 11/101** (2014.01)

CPC (source: EP US)

B32B 1/00 (2013.01 - US); **B32B 17/10036** (2013.01 - EP US); **B32B 17/10256** (2013.01 - EP); **B32B 17/10266** (2013.01 - EP US);
B32B 17/10275 (2013.01 - EP); **B32B 17/10284** (2013.01 - EP); **B32B 17/10339** (2013.01 - US); **B32B 17/10495** (2013.01 - EP);
B32B 17/10541 (2013.01 - EP US); **B32B 17/10577** (2013.01 - US); **B32B 17/10761** (2013.01 - EP); **B32B 17/1077** (2013.01 - EP US);
B32B 17/10788 (2013.01 - EP US); **B32B 17/10807** (2013.01 - EP); **B32B 38/145** (2013.01 - US); **B41M 5/0047** (2013.01 - EP);
B41M 5/007 (2013.01 - EP); **C09D 11/101** (2013.01 - EP); **C09D 11/102** (2013.01 - EP); **C09D 11/106** (2013.01 - EP); **C09D 11/50** (2013.01 - EP);
B32B 2038/0076 (2013.01 - US); **B32B 2264/102** (2013.01 - US); **B32B 2264/30** (2020.08 - US); **B32B 2264/305** (2020.08 - US);
B32B 2307/75 (2013.01 - US); **B32B 2310/0831** (2013.01 - US); **B32B 2315/08** (2013.01 - US); **B32B 2329/06** (2013.01 - US);
B32B 2331/04 (2013.01 - US); **B32B 2375/00** (2013.01 - US); **B41J 3/407** (2013.01 - EP); **B41J 3/4073** (2013.01 - EP);
B41M 5/5254 (2013.01 - EP); **B41M 5/5281** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3125251 A1 20230120; CN 115812037 A 20230317; EP 4370327 A1 20240522; US 2024326385 A1 20241003;
WO 2023285743 A1 20230119

DOCDB simple family (application)

FR 2107648 A 20210715; CN 202280004341 A 20220616; EP 22744247 A 20220616; FR 2022051170 W 20220616;
US 202218576661 A 20220616