

Title (en)

PROCESS FOR PRODUCING A SHINY LAMINATE STRUCTURE AT LOW TEMPERATURES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GLÄNZENDEN SCHICHTAUFBAUS BEI NIEDRIGEN TEMPERATUREN

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE STRUCTURE EN COUCHES BRILLANTES À BASSES TEMPÉRATURES

Publication

EP 3049202 A1 20160803 (DE)

Application

EP 14772154 A 20140924

Priority

- DE 102013015806 A 20130924
- DE 102013016280 A 20131002
- EP 2014070351 W 20140924

Abstract (en)

[origin: WO2015044189A1] A process for producing a laminate structure (2), comprising the steps of: E1) providing a composition (6) comprising: i) gold (Au) particles in an amount within a range from 0.1% to 50% by weight; ii) remainder to 100% by weight of a polar protic organic solvent; iii) less than 5% by weight of water, where the percentages by weight, based in each case on the total mass of composition (6) add up to 100% by weight; E2) applying the composition (6) to a substrate (4) to obtain a precursor (12); E3) heating the precursor (12) to a temperature within a range from 25 to 200° C to obtain the laminate structure (2).

IPC 8 full level

B22F 1/054 (2022.01); **B22F 1/0545** (2022.01); **B22F 1/107** (2022.01); **B22F 7/04** (2006.01)

CPC (source: EP KR US)

B22F 1/054 (2022.01 - EP KR US); **B22F 1/0545** (2022.01 - EP KR US); **B22F 1/107** (2022.01 - EP KR US); **B22F 7/04** (2013.01 - EP KR US); **B22F 9/24** (2013.01 - US); **B22F 2007/042** (2013.01 - US); **B22F 2007/047** (2013.01 - EP KR US); **B22F 2009/245** (2013.01 - US); **B22F 2301/255** (2013.01 - US); **B22F 2304/054** (2013.01 - US); **B22F 2998/10** (2013.01 - US)

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JP 2008127680 A 20080605 - ISHIHARA SANGYO KAISHA

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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