

Title (en)

METHOD FOR PRODUCING A LOW-EMISSIVITY LAYER SYSTEM

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES NIEDRIGEMITTIERENDEN SCHICHTSYSTEMS

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN SYSTÈME DE COUCHES À FAIBLE ÉMISSIVITÉ

Publication

**EP 2744764 A1 20140625 (DE)**

Application

**EP 12756405 A 20120820**

Priority

- DE 102011081281 A 20110819
- DE 102011089884 A 20111223
- EP 2012066174 W 20120820

Abstract (en)

[origin: WO2013026817A1] The invention, which relates to a method for producing a low-emitting layer system, comprising the steps of forming at least one low-emitting layer on at least one side of the substrate by means of deposition and subsequent brief tempering of a deposited low-emitting layer by means of electromagnetic radiation, avoiding an immediate heating up of the substrate, and to a device for performing the method, addresses the problem of improving the optical and thermal properties of a low-emitting layer system without cost-intensive tempering of the entire substrate while maintaining the processability of the low-e coated substrate.

IPC 8 full level

**C03C 23/00** (2006.01); **C03C 17/36** (2006.01)

CPC (source: EP US)

**C03C 17/06** (2013.01 - US); **C03C 17/36** (2013.01 - EP US); **C03C 17/366** (2013.01 - EP US); **C03C 23/001** (2013.01 - EP US); **C03C 23/0015** (2013.01 - EP US); **C03C 23/0025** (2013.01 - EP US); **C23C 14/14** (2013.01 - US); **C23C 14/5806** (2013.01 - US); **E04B 1/78** (2013.01 - US); **C03C 2218/32** (2013.01 - EP US)

Citation (search report)

See references of WO 2013026819A1

Citation (examination)

US 2010071810 A1 20100325 - NADAUD NICOLAS [FR], et al

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

DOCDB simple family (publication)

**DE 102011089884 A1 20130221**; **DE 102011089884 B4 20160310**; CN 103889915 A 20140625; CN 103987674 A 20140813; DE 102012200665 A1 20130221; DE 102012200665 B4 20160602; EA 201400222 A1 20140829; EP 2744763 A1 20140625; EP 2744764 A1 20140625; RU 2014110367 A 20150927; RU 2577562 C2 20160320; US 2014197350 A1 20140717; US 2014199496 A1 20140717; US 9453334 B2 20160927; WO 2013026817 A1 20130228; WO 2013026819 A1 20130228

DOCDB simple family (application)

**DE 102011089884 A 20111223**; CN 201280040483 A 20120820; CN 201280040499 A 20120820; DE 102012200665 A 20120118; EA 201400222 A 20120820; EP 12756404 A 20120820; EP 12756405 A 20120820; EP 2012066172 W 20120820; EP 2012066174 W 20120820; RU 2014110367 A 20120820; US 201214237951 A 20120820; US 201214238742 A 20120820