

Title (en)
METHOD FOR THE PRODUCTION OF AN ELECTRICALLY CONDUCTIVE RESISTIVE LAYER AND HEATING AND/OR COOLING DEVICE

Title (de)
VERFAHREN ZUM HERSTELLEN EINER ELEKTRISCH LEITENDEN WIDERSTANDSSCHICHT SOWIE HEIZ- UND/ODER KUEHLVORRICHTUNG

Title (fr)
PROCEDE POUR PRODUIRE UNE COUCHE RESISTIVE ELECTROCONDUCTRICE ET DISPOSITIF DE CHAUFFAGE ET/OU DE REFROIDISSEMENT

Publication
EP 1459332 A2 20040922 (DE)

Application
EP 02796639 A 20021216

Priority
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• EP 0214310 W 20021216

Abstract (en)
[origin: WO03052776A2] An electrically conductive resistive layer (26) is produced by thermally injecting an electrically conductive material (18) onto the surface of a non-conductive substrate (12). Initially, the material layer (14) arising therefrom has no desired shape. The material layer (14) is then removed (24) in certain areas so that an electrically conductive resistive layer (26) having said desired shape is produced.

IPC 1-7
H01C 17/24

IPC 8 full level
C23C 4/01 (2016.01); **C23C 4/08** (2016.01); **H01C 17/24** (2006.01)

CPC (source: EP US)
C23C 4/01 (2016.01 - EP US); **C23C 4/06** (2013.01 - US); **C23C 4/08** (2013.01 - EP US); **C23C 4/16** (2013.01 - US); **C23C 4/18** (2013.01 - EP US); **C23C 24/04** (2013.01 - EP US); **C23C 30/00** (2013.01 - EP US); **F24H 1/142** (2013.01 - EP US); **H01C 17/24** (2013.01 - EP US); **H01C 17/245** (2013.01 - EP US); **H05B 3/46** (2013.01 - EP US); **Y10T 29/49083** (2015.01 - EP US); **Y10T 29/49099** (2015.01 - EP US)

Citation (search report)
See references of WO 03052776A2

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DE102019214588A1; DE102019214550A1; DE102019214550B4; DE102019214566A1; DE102019214566B4; CN114402704A; DE102011057105A1; WO2021058505A1; DE102011057108A1; DE102020207875A1; WO2021259764A1; WO2021058507A1

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