

Title (en)

USE OF A COATING LAYER ON A HEAT EXCHANGER SURFACE

Title (de)

VERWENDUNG EINER BESCHICHTUNG AUF WÄRMETAUSCHEROBERFLÄCHEN

Title (fr)

UTILISATION D'UN COUCHE SUR UNE SURFACE D'ÉCHANGEUR THERMIQUE

Publication

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Application

EP 17401041 A 20170407

Priority

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Abstract (en)

[origin: EP3385656A1] The present invention provides a heat exchanger element (1) and a method for manufacturing a heat exchanger element (1) being in contact with a gas (3), wherein said heat exchanger element (1) comprises at least one solid surface (2). Said solid surface (2) is coated with at least one layer (4) of a predetermined material, said layer being suitable to enhance the heat transfer between the solid surface (2) and said gas (3) by thermoacoustic impedance matching.

IPC 8 full level

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Citation (examination)

- EP 2413085 A1 20120201 - KOBEL STEEL LTD [JP]
- US 4775588 A 19881004 - ISHII TOORU [JP], et al
- DE 102008004186 A1 20080724 - BEHR GMBH & CO KG [DE]

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