

Title (en)
Heat shield

Title (de)
Hitzeschild

Title (fr)
Ecran thermique

Publication
EP 1701095 B1 20120118 (DE)

Application
EP 05002511 A 20050207

Priority
EP 05002511 A 20050207

Abstract (en)
[origin: US2006176671A1] A heat shield is provided on a supporting structure with a number of heat shield elements, which are fixed to a large area of the supporting structure leaving gaps between adjacent heat shield elements, a number of securing elements with which the heat shield elements are fixed to the supporting structure and which have a grip section engaging in the heat shield elements and a cooling system for cooling the securing elements, the cooling system being designed such that cooling fluid can be supplied directly to the grip sections of the securing elements.

IPC 8 full level
F23M 5/02 (2006.01); **F23M 5/04** (2006.01); **F23M 5/08** (2006.01); **F23R 3/00** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)
F23M 5/04 (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F23M 2900/05002** (2013.01 - EP US); **F23R 2900/03044** (2013.01 - EP US)

Cited by
EP2270395A1; EP2711633A1; EP2711634A1; DE102015206033A1; CN102356276A; CN107208892A; DE102019219845A1; CN104769362A; RU2634992C2; DE102013219187B3; RU2635744C2; EP2261564A1; DE102020209977A1; WO2016103231A3; WO2014044673A3; WO2014044656A3; US9657948B2; EP2230454A1; WO2010105871A1; EP2711630A1; US9702560B2; WO2021121862A1; US8800292B2; WO2020200568A1; WO2010105709A2; EP2236928A1; WO2014044656A2

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
US 2006176671 A1 20060810; **US 7779637 B2 20100824**; CN 1818527 A 20060816; CN 1818527 B 20100526; EP 1701095 A1 20060913; EP 1701095 B1 20120118; ES 2378375 T3 20120411; JP 2006220409 A 20060824; JP 5105745 B2 20121226

DOCDB simple family (application)
US 34754506 A 20060203; CN 200610006052 A 20060124; EP 05002511 A 20050207; ES 05002511 T 20050207; JP 2006024347 A 20060201