

Title (en)

MOLDING COMPOUND FOR PRODUCING A REFRACTORY LINING

Title (de)

FORMMASSE ZUM HERSTELLEN EINER FEUERFESTEN AUSKLEIDUNG

Title (fr)

MATIERE A MOULER DESTINEE A LA FABRICATION D'UN REVETEMENT IGNIFUGE

Publication

EP 1899648 A2 20080319 (DE)

Application

EP 06763976 A 20060630

Priority

- EP 2006063717 W 20060630
- EP 05014376 A 20050701
- EP 06763976 A 20060630

Abstract (en)

[origin: EP1739356A1] The heat shield element (610) has hot side (613), which is turned towards hot medium, cold side (615) that is turned away from hot medium, peripheral side (617) that connect hot side to cold side and material volume defined by hot side, cold side and peripheral side. Material volume has two material areas (619,621) made of different materials with respect to their resistance and thermal coefficient. Independent claims are also included for the following: (A) Combustion chamber; (B) Method for manufacturing ceramic heat shield element; (C) Form for production of ceramic heat shield element; and (D) Method for manufacturing ceramic heat shield element using pour method.

IPC 8 full level

F23R 3/00 (2006.01); **C04B 38/00** (2006.01); **F02C 7/24** (2006.01)

CPC (source: EP US)

C04B 35/101 (2013.01 - EP US); **C04B 35/66** (2013.01 - EP US); **F27D 1/0006** (2013.01 - EP US); **C04B 2235/3218** (2013.01 - EP US); **C04B 2235/3418** (2013.01 - EP US); **C04B 2235/3463** (2013.01 - EP US); **C04B 2235/77** (2013.01 - EP US); **C04B 2235/80** (2013.01 - EP US)

Citation (search report)

See references of WO 2007003587A2

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