

Title (en)

STEEL FOAM AND METHOD FOR MANUFACTURING STEEL FOAM

Title (de)

STAHLSCHAUMSTOFF UND VERFAHREN ZUR HERSTELLUNG EINES STAHLSCHAUMSTOFFES

Title (fr)

MOUSSE D'ACIER ET PROCÉDÉ DE FABRICATION DE MOUSSE D'ACIER

Publication

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Application

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Abstract (en)

[origin: WO2016100598A1] A method of producing a steel foam component includes providing a mold defining a cavity. The method also includes positioning an insert within the cavity of the mold. The insert can be configured to form a generally uniform pattern of pores within the steel foam component, and in some cases occupies at least 20% of the cavity. The method can further include pouring molten steel into the cavity, cooling the molten steel into the steel foam component, and removing the steel foam component and the insert from the mold. Steel components having internal shapes corresponding to the insert(s) are also provided.

IPC 8 full level

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