

Title (en)
PYROMETALLURGICAL REACTOR COOLING ELEMENT AND ITS MANUFACTURE

Title (de)
PYROMETALLURGISCHES REAKTORKÜHLELEMENT UND DESSEN HERSTELLUNG

Title (fr)
ELEMENT DE REFROIDISSEMENT DE REACTEUR PYROMETALLURGIQUE ET SA FABRICATION

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Abstract (en)
[origin: WO0037870A1] This invention relates to a method of manufacturing by continuous casting a pyrometallurgical reactor cooling element with flow channels. In order to enhance heat transfer capability, the wall surface area of the flow channel, which is traditionally round or oval in cross-section, is increased without increasing the diameter or length of the flow channel. The invention also relates to the element fabricated by this method.

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