

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

Publication

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Application

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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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**WO 0037870 A1 20000629**; AR 021961 A1 20020904; AT E274683 T1 20040915; AU 1781800 A 20000712; AU 768282 B2 20031204; BR 9916469 A 20010925; CA 2356138 A1 20000629; CA 2356138 C 20070814; CN 100449242 C 20090107; CN 1331791 A 20020116; DE 69919745 D1 20040930; DE 69919745 T2 20050120; EA 002584 B1 20020627; EA 200100690 A1 20011224; EP 1153254 A1 20011114; EP 1153254 B1 20040825; FI 108751 B 20020315; FI 982771 A0 19981222; FI 982771 A 20000623; ID 24579 A 20000727; JP 2002533649 A 20021008; KR 100640706 B1 20061031; KR 20010099863 A 20011109; PE 20001446 A1 20001228; PL 193460 B1 20070228; PL 349155 A1 20020701; PT 1153254 E 20041130; RS 49726 B 20080404; YU 44801 A 20031231; ZA 200104860 B 20011214

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