

Title (en)
INDUCTOR IN A FUSION TANK

Title (de)
INDUKTOR BEI EINEM SCHMELZENGEFÄSS

Title (fr)
INDUCTEUR A PLACER DANS UNE CUVE DE FUSION

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Abstract (en)
[origin: US6052403A] PCT No. PCT/DE97/02784 Sec. 371 Date Jun. 4, 1999 Sec. 102(e) Date Jun. 4, 1999 PCT Filed Nov. 28, 1997 PCT Pub. No. WO98/25718 PCT Pub. Date Jun. 18, 1998An inductor is used to generate an electromagnetic AC field at a pipe-in-pipe discharge element of a metallurgical vessel. The inductor has at least two cooling fluid regions for the flow of cooling fluid therethrough. First supply and drain lines are connected to a first of the cooling fluid regions for supplying the first cooling fluid thereto. Second supply and drain lines are connected to a second region. The second cooling fluid is different than the first cooling fluid so that separate regions can be separately cooled with different cooling fluids having different properties.

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