

Title (en)

Protecting and cooling arrangement for the poles of an electromagnetic inductor.

Title (de)

Schutz und Kühlvorrichtung für die Pole eines elektromagnetischen Induktors.

Title (fr)

Dispositif de protection et de refroidissement des pôles d'un inducteur électro-magnétique.

Publication

EP 0576351 A1 19931229 (FR)

Application

EP 93401604 A 19930622

Priority

FR 9207739 A 19920624

Abstract (en)

Arrangement for thermal protection and cooling of the poles of an electromagnetic inductor, especially for an induction furnace, of the type consisting of a plurality of tubes, arranged side by side and substantially coplanar and in which there flows a cooling fluid, characterised in that the connecting of the said tubes (16) to the pipes (12, 14) for leading in and leading out the cooling fluid is produced by a means (18) designed so as to ensure both electrical discontinuity and leaktightness between each tube and the said pipes. <IMAGE>

IPC 1-7

H05B 6/42; **H05B 6/02**

IPC 8 full level

H05B 6/02 (2006.01); **H05B 6/42** (2006.01)

CPC (source: EP US)

H05B 6/42 (2013.01 - EP US)

Citation (search report)

- [X] EP 0020215 A1 19801210 - SIDERURGIE FSE INST RECH [FR]
- [A] EP 0053070 A1 19820602 - SIDERURGIE FSE INST RECH [FR]
- [A] WO 9106194 A1 19910502 - KUESTERS EDUARD MASCHF [DE]
- [A] US 2781437 A 19570212 - MCARTHUR BRUCE E
- [A] EP 0340057 A1 19891102 - SIDERURGIE FSE INST RECH [FR], et al

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FR2782883A1

Designated contracting state (EPC)

BE CH DE ES GB IT LI NL SE

DOCDB simple family (publication)

EP 0576351 A1 19931229; FR 2693073 A1 19931231; JP H0636870 A 19940210; US 5485483 A 19960116

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