

Title (en)

INERT TANK FOR TREATING OXIDABLE LIQUID METAL

Title (de)

ABGEDICHTETES GEFÄSS ZUR BEHANDLUNG OXIDIERBAREN FLÜSSIGMETALLS

Title (fr)

CUVE INERTEE POUR LE TRAITEMENT DE METAL LIQUIDE OXYDABLE

Publication

**EP 0998588 A1 20000510 (FR)**

Application

**EP 98937596 A 19980709**

Priority

- FR 9801487 W 19980709
- FR 9709238 A 19970716

Abstract (en)

[origin: US6331269B1] An inert vessel for treating an oxidizable liquid metal includes a vessel body and a lid mounted thereon with bearing surfaces at a junction therebetween, the body and lid each including a metal wall having an inner face coated with a refractory lining. The vessel further includes movable auxiliary equipment passing through the lid, and optionally the body, with the vessel body including inlet and outlet means for the liquid metal and external atmosphere. An inflatable seal is disposed between the lid and the vessel body housed in a peripheral receptacle, the peripheral receptacle including at least one wall which is an extension of the lid, and at least one other wall which is an extension of the vessel body, the seal when inflated directly contacting the wall which is the extension of the lid and the wall which is the extension of the vessel body, and being directly adjacent the vessel body adjacent the junction.

IPC 1-7

**C22B 21/06**; **C22B 9/05**; **F27D 3/16**; **F27D 23/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9904046A1

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