

Title (en)  
FURNACE, PARTICULARLY A METAL-SMELTING OR HEAT-RETAINING FURNACE

Publication  
**EP 0200671 A3 19870610 (DE)**

Application  
**EP 86730054 A 19860325**

Priority  
DE 3512868 A 19850404

Abstract (en)  
[origin: EP0200671A2] The furnace has a thermally insulated furnace vessel which receives the liquid metal bath and at least one submerged heating element projecting into the liquid metal bath. There is introduced into the liquid metal bath at least one submerged wall which separates off the region receiving the submerged heating element from the remaining region of the molten bath. The dimensions of the submerged wall are selected in such a manner that an exchange of the liquid metal between the regions is possible. <IMAGE>

IPC 1-7  
**F27B 14/08**; **F27B 14/14**

IPC 8 full level  
**F27B 3/20** (2006.01); **F27B 14/14** (2006.01); **F27D 99/00** (2010.01); **F27B 14/00** (2006.01); **F27B 14/08** (2006.01)

CPC (source: EP)  
**F27B 3/20** (2013.01); **F27B 14/14** (2013.01); **F27D 99/0006** (2013.01); **F27B 2014/002** (2013.01); **F27B 2014/0875** (2013.01); **F27D 2099/0013** (2013.01)

Citation (search report)

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- [A] FR 870310 A 19420309 - LICENTIA GMBH
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- [A] PATENTS ABSTRACTS OF JAPAN, Band 9, Nr. 14 (M-352)[1737], 22. Januar 1985; & JP-A-59 163 062 (SHIN NIPPON SEITETSU K.K.) 14-09-1984

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