

Title (en)  
INDUCTION CRUCIBLE FURNACE

Publication  
**EP 0005838 B1 19810722 (DE)**

Application  
**EP 79101680 A 19790531**

Priority  
DE 2824590 A 19780605

Abstract (en)  
[origin: EP0005838A1] 1. A coreless induction furnace comprising a crucible (1) of a refractory material, an induction coil (2) disposed on the outside of the crucible (1) and a helically wound electrode (15, 16) set in the crucible wall for checking the crucible (1) for the melt (3) penetrating cracks (9), characterized in that the electrode (15, 16) is formed with the same pitch as the windings of the induction coil (2).

IPC 1-7  
**H05B 6/22**; H05B 6/06; G08B 21/00

IPC 8 full level  
**F27B 14/20** (2006.01); **G08B 21/00** (2006.01); **H05B 6/06** (2006.01); **H05B 6/22** (2006.01); **H05B 6/24** (2006.01); **H05B 6/28** (2006.01)

CPC (source: EP)  
**H05B 6/24** (2013.01); **H05B 6/28** (2013.01)

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