

Title (en)
DIRECT CURRENT ARC FURNACE

Publication
EP 0413970 B1 19930915 (DE)

Application
EP 90113995 A 19900721

Priority
CH 302789 A 19890821

Abstract (en)
[origin: EP0413970A1] In a direct current arc furnace, the base contact, that is to say the furnace electrode (7, 8, 11), must be insulated by insulating material from the metallic jacket of the furnace vessel. To this end, the baseplate (11) which supports the base contact essentially forms the base of the furnace vessel. This baseplate (11) rests on an inwardly projecting part (17) of the metallic vessel jacket (2), with insulating, or at least poorly electrically conductive material (18) placed between them. <IMAGE>

IPC 1-7
F27D 11/08; **H05B 7/06**

IPC 8 full level
F27B 3/08 (2006.01); **F27B 3/14** (2006.01); **F27D 11/08** (2006.01); **H05B 7/06** (2006.01)

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F27D 11/08 (2013.01 - EP); **H05B 7/00** (2013.01 - KR); **H05B 7/06** (2013.01 - EP)

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