

Title (en)  
DEVICE TO RAISE AND PIVOT THE TOP OF AN ARC FURNACE

Publication  
**EP 0203339 B1 19890920 (DE)**

Application  
**EP 86105214 A 19860415**

Priority  
DE 3514293 A 19850419

Abstract (en)  
[origin: EP0203339A2] 1. Apparatus for lifting and pivoting the cover (4) of the furnace vessel (2) of an electric arc furnace (1), the apparatus being arranged laterally of the furnace vessel (2) and including a carrier member (13, 14, 24, 26, 27) which can be raised and lowered and which directly engages the edge of the cover, wherein at least one lifting apparatus is fixed on a laterally pivotable rotary portal arrangement (6) arranged beside the furnace vessel and the carrier member (13, 14, 24, 26, 27) is released from the edge of the cover in the lowered position (13') and in the lifting operation engages into a lifting eye (15, 16) which is adapted to the shape of the carrier member, at the edge of the cover.

IPC 1-7  
**F27B 14/06**; **F27B 14/12**; **F27D 1/18**; **F27D 11/08**; **F27D 11/10**

IPC 8 full level  
**F27B 3/16** (2006.01); **F27B 14/06** (2006.01); **F27B 14/12** (2006.01); **F27D 1/18** (2006.01); **F27D 11/08** (2006.01); **F27D 11/10** (2006.01)

CPC (source: EP)  
**F27B 3/16** (2013.01); **F27D 11/10** (2013.01)

Cited by  
CN112944914A; DE102008012280A1; US5153894A; DE102006019481A1; DE102006019481B4; DE102008028966A1; DE102012001907A1; DE3906653A1; EP0386586A3; DE3907129A1; TR25338A; EP2685192A1; CN104428616A; RU2636793C2; WO2014009085A1; LT3736B; US9657994B2

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