

Title (en)  
LOADING DEVICE HAVING A ROTATING CHUTE FOR A MELTING FURNACE

Title (de)  
DREHBARE BESCHICKUNGSVORRICHTUNG FÜR EINEN SCHACHTOFEN

Title (fr)  
DISPOSITIF DE CHARGEMENT A GOULOTTE ROTATIVE POUR UN FOUR A CUVE

Publication  
**EP 0764220 B1 19980812 (FR)**

Application  
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• LU 88494 A 19940608

Abstract (en)  
[origin: US5738822A] PCT No. PCT/EP95/01704 Sec. 371 Date Feb. 26, 1997 Sec. 102(e) Date Feb. 26, 1997 PCT Filed May 5, 1995 PCT Pub. No. WO95/33858 PCT Pub. Date Dec. 14, 1995A shaft furnace charging device with rotating chute comprises a supporting structure (22) overhanging the shaft furnace (10), a mounting flange (18) fixed rigidly to the shaft furnace (10), a batch hopper (26, 28) supported by the supporting structure (22), a drive housing (30) for the chute (32) which is connected in a sealed manner at one end to the batch hopper (26, 28) and at the other end to the mounting flange (18), and at least one large diameter roller ring (40) mounted in the housing (30) in order to support the chute (32) with the ring (40). In order to increase the working life of the roller ring (40), at least one deformable linking element (70) is incorporated in the chain of rigid elements connecting the mounting flange (18) to the roller ring (40), in such a way that a rigid transmission of deformations of the mounting flange (18) to the roller ring (40) is largely prevented.

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