

Title (en)  
DEVICE FOR LOADING A SHAFT FURNACE

Title (de)  
VORRICHTUNG ZUR BESCHICKUNG EINES SCHACHTOFEN

Title (fr)  
DISPOSITIF DE CHARGEMENT D'UN FOUR A CUVE

Publication  
**EP 0730666 B1 19971008 (FR)**

Application  
**EP 95901392 A 19941117**

Priority  
• EP 9403815 W 19941117  
• LU 88429 A 19931123

Abstract (en)  
[origin: WO9514793A1] A device for loading a shaft furnace having a lower cone (20). The device includes lower sealing members (48, 60) for sealing off an upper hopper (34) from a lower hopper (14) and collecting a load material. When opened, said lower sealing members (48, 60) are arranged to define a clear central material flow channel (50). The material flow forms a compact and focused flow. Members (28, 30, 24, 26) for moving the lower cone are arranged so that they do not hinder focusing of said flow. A deflecting surface (66) is arranged above the lower cone (20) to split the focused flow into a flow having rotational symmetry, whereby, inter alia, an improved filling symmetry in the lower hopper (14) is achieved.

IPC 1-7  
**C21B 7/18**

IPC 8 full level  
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