

Title (en)  
FURNACE WITH AIR-COOLED VIBRATING DISCHARGE CONVEYOR

Title (de)  
FEUERUNG MIT LUFTGEKÜHLTEM AUSTRAGSCHWINGFÖRDERER

Title (fr)  
FOYER COMPRENANT UN CONVOYEUR D'EVACUATION VIBRANT ET REFROIDI A L'AIR

Publication  
**EP 1198685 A1 20020424 (DE)**

Application  
**EP 00951463 A 20000728**

Priority  
• DE 19935597 A 19990803  
• EP 0007262 W 20000728

Abstract (en)  
[origin: US6745705B1] The invention relates to a furnace with a body (1) of a furnace, at the lower end of which a discharge device (2) for the ashes produced in the combustion chamber is provided. A continuous conveyor device in the form of a vibrating conveyor (3) is mounted below the discharge device (2). The vibrating chute of said vibrating conveyor reliably and effectively removes the dry ashes which are at the same time cooled with air.

IPC 1-7  
**F23J 1/02**; **F23J 1/06**

IPC 8 full level  
**F23J 1/02** (2006.01); **F23J 1/06** (2006.01)

CPC (source: EP US)  
**F23J 1/02** (2013.01 - EP US); **F23J 2900/01002** (2013.01 - EP US); **F23L 2900/15041** (2013.01 - EP US)

Citation (search report)  
See references of WO 0109549A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6745705 B1 20040608**; AT E263338 T1 20040415; CN 1153924 C 20040616; CN 1369047 A 20020911; DE 19935597 A1 20010215; DE 19935597 C2 20020314; DE 50005920 D1 20040506; EP 1198685 A1 20020424; EP 1198685 B1 20040331; ES 2218195 T3 20041116; PT 1198685 E 20040831; TR 200200230 T2 20020821; WO 0109549 A1 20010208

DOCDB simple family (application)  
**US 4881702 A 20020301**; AT 00951463 T 20000728; CN 00811239 A 20000728; DE 19935597 A 19990803; DE 50005920 T 20000728; EP 0007262 W 20000728; EP 00951463 A 20000728; ES 00951463 T 20000728; PT 00951463 T 20000728; TR 200200230 T 20000728