

Title (en)  
METHOD AND SYSTEM FOR GRANULATING SLAG

Title (de)  
VERFAHREN UND ANLAGE ZUM GRANULIEREN VON SCHLACKE

Title (fr)  
PROCEDE ET INSTALLATION POUR GRANULER DES SCORIES

Publication  
**EP 1664353 B2 20111012 (DE)**

Application  
**EP 04765337 A 20040917**

Priority

- EP 2004010442 W 20040917
- AT 15252003 A 20030925

Abstract (en)  
[origin: US8302430B2] In a process for granulating slag, from a blast furnace or a smelting reduction plant, in which a granule/water mixture formed during the granulation is fed to a granulation tank and then to a dewatering installation, in which the slag granules are dewatered. H2S-containing vapors and gases formed during the granulation are at least partially condensed by injection of water in a condensation space which is flow-connected to the granulation tank. H2S-containing residual gases are discharged from the compensation space below the water injection point, H2S is burnt.

IPC 8 full level  
**C21B 3/08** (2006.01)

CPC (source: EP KR US)  
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Citation (opposition)  
Opponent :

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- W. FRITZ ET AL.: "Reinigung von Abgasen", 1990, VOGEL BUCHVERLAG, ISBN: 3-8023-0244-3, pages: 23-24 - 180-193
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**WO 2005031008 A1 20050407**; AT 412650 B 20050525; AT A15252003 A 20041015; AT E351927 T1 20070215; AU 2004276445 A1 20050407; AU 2004276445 B2 20091112; BR PI0414805 A 20061114; CA 2539601 A1 20050407; CN 1856583 A 20061101; CN 1856583 B 20101201; DE 502004002708 D1 20070308; EP 1664353 A1 20060607; EP 1664353 B1 20070117; EP 1664353 B2 20111012; ES 2280998 T3 20070916; ES 2280998 T5 20120217; KR 101186277 B1 20120927; KR 20060093337 A 20060824; PL 1664353 T3 20070629; PL 1664353 T5 20130228; PT 1664353 E 20070430; RU 2006113925 A 20071027; RU 2355771 C2 20090520; US 2007107466 A1 20070517; US 2009315233 A1 20091224; US 7600397 B2 20091013; US 8302430 B2 20121106

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