

Title (en)  
Method for cleaning soil material

Title (de)  
Verfahren zum Reinigen von körnigem Bodenmaterial

Title (fr)  
Procédé de nettoyage de matériau de sol

Publication  
**EP 2213796 A3 20131211 (DE)**

Application  
**EP 10001021 A 20100202**

Priority  
DE 102009007227 A 20090203

Abstract (en)  
[origin: EP2213796A2] The method involves loading a granular soil material (2) with a cleaning agent i.e. carbon dioxide dry ice (6). The carbon dioxide dry ice is applied under the pressure of the granular soil material, and is strained on a surface of the soil material in the form of pellets. The soil material is dried by a dryer (4) i.e. heat collector, before cleaning, and compressed air is supplied during application of the carbon dioxide dry ice. The dryer is provided above an upper conveyor belt (1), and the soil material is provided to the upper conveyor belt. An independent claim is also included for a device for performing a method for cleaning a granular soil material.

IPC 8 full level  
**E01B 27/06** (2006.01); **B03B 5/02** (2006.01); **B08B 3/12** (2006.01); **B08B 7/02** (2006.01)

CPC (source: EP)  
**B08B 5/023** (2013.01); **B24C 1/003** (2013.01); **E01B 27/06** (2013.01)

Citation (search report)

- [X] JP 2003325043 A 20031118 - OHBAYASHI CORP
- [I] DE 10131869 A1 20030102 - KRONENBERGER ERNST JOSEF [DE]
- [A] WO 2006098638 A1 20060921 - VIRDRILL AS [NO], et al
- [E] DE 102009029702 A1 20110526 - SRS DEPONIEBAU GMBH [DE]
- [A] US 2004134517 A1 20040715 - CLARK STEVE L [US]
- [A] DE 102006019701 A1 20070215 - LINDE AG [DE]
- [A] DE 2550820 A1 19760520 - PLASSER BAHNBAUMASCH FRANZ

Cited by  
CN102700929A; EP3431656A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2213796 A2 20100804; EP 2213796 A3 20131211; DE 102009007227 B3 20100812**

DOCDB simple family (application)  
**EP 10001021 A 20100202; DE 102009007227 A 20090203**