

Title (en)  
Dismountable plant for concrete manufacture

Title (de)  
Demontierbare Anlage zur Betonfertigung

Title (fr)  
Installation démontable pour fabrication de béton

Publication  
**EP 2578371 A1 20130410 (EN)**

Application  
**EP 12187503 A 20121005**

Priority  
IT MI20111814 A 20111006

Abstract (en)  
Plant for the manufacture of concrete comprising multiple silos (B) for the loading of cement and of inert materials, scales (3) for the dosing of cement and of inert materials supplied by said silos (B) through belt- and screw- conveyors (5, 6), a mixer (4) supplied by said dosing scales (3) and apt to manufacture the concrete, a water tank and any additive tanks. The silos (B g , B s ) of the inert materials consist at least in part of a plurality of containers (1), stacked with no permanent, mutual-fastening means, each one of such a size as to be able to be road-transported, full of inert materials, through an ordinary means of transport. A crane (C) - permanently present in the plant and also used for the assembling/disassembling of the same - provides to the handling of said loaded containers (1) from said means of transport to said silos (B g , B s ) and vice versa when said containers are empty.

IPC 8 full level  
**B28C 7/00** (2006.01); **B28C 9/00** (2006.01); **B65D 88/26** (2006.01)

CPC (source: EP)  
**B28C 7/0053** (2013.01); **B28C 9/00** (2013.01); **B65D 88/26** (2013.01)

Citation (applicant)  
US 6832851 B1 20041221 - VON WILCKEN ALEXANDER [DE]

Citation (search report)  
• [Y] EP 1520672 A1 20050406 - WALTER HEILIT VERKEHRSWEGEBAU [DE]  
• [Y] WO 02100741 A1 20021219 - SKY TECHNOLOGY PTE LTD [SG], et al

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CN112936608A; CN115404901A

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2578371 A1 20130410; EP 2578371 B1 20171004**; IT MI20111814 A1 20120105

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**EP 12187503 A 20121005**; IT MI20111814 A 20111006