

Title (en)

Entry shaft to subterranean concrete structures

Title (de)

Einstiegsschacht zu im Erdreich befindlichen Betonbauwerken

Title (fr)

Cage d'entrée pour des constructions en béton se trouvant dans la terre

Publication

**EP 2317015 B1 20121128 (DE)**

Application

**EP 10189063 A 20101027**

Priority

AT 16872009 A 20091027

Abstract (en)

[origin: EP2317015A1] The manhole has a manhole cover (1.4), balance rings (1.3) and a shaft cone (1.2) that stands in connection with the concrete structure. A waterproof connection element (1.5) is arranged between the balance rings and the shaft cone. The connection element has locking bars that are engaged in a recess (1.6) in its sealing position. The connection element has a sealing.

IPC 8 full level

**E02D 29/12** (2006.01)

CPC (source: EP)

**E02D 29/12** (2013.01); **E02D 29/121** (2013.01)

Cited by

CN112627309A; CN114482223A

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

DOCDB simple family (publication)

**AT 508677 A4 20110315; AT 508677 B1 20110315**; EP 2317015 A1 20110504; EP 2317015 B1 20121128

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**AT 16872009 A 20091027**; EP 10189063 A 20101027