

Title (en)
Manhole

Title (de)
Schachtring sowie Schacht

Title (fr)
Obturation des puits

Publication
EP 1452647 A1 20040901 (DE)

Application
EP 03027032 A 20031124

Priority
DE 20303646 U 20030227

Abstract (en)
The shaft ring (26) for shafts, in particular in road structures consists of one or more polymeric materials. An independent claim is also included for a shaft using the proposed shaft ring.

Abstract (de)
Schlachtring für Schächte, insbesondere für den Straßenbau, wobei der Schachtring aus einem Material umfassend Polymere besteht. <IMAGE>

IPC 1-7
E02D 29/12; **E02D 29/14**; **E03F 5/02**

IPC 8 full level
E02D 29/14 (2006.01); **E03F 5/02** (2006.01)

CPC (source: EP)
E02D 29/1409 (2013.01)

Citation (search report)

- [X] DE 3815365 A1 19890817 - HOOS HUBERT DIPL ING FH [DE]
- [X] EP 0526744 A1 19930210 - KESSEL BERNHARD [DE]
- [X] WO 0065159 A1 20001102 - HAAR EGON [AT], et al
- [PX] GB 2381816 A 20030514 - SHENTON TERENCE WILLIAM [GB]
- [X] WO 9733048 A1 19970912 - ARMSTRONG RONALD B [CA]
- [A] DE 19908460 A1 20000914 - AHLMANN ACO SEVERIN [DE]

Designated contracting state (EPC)
AT CH DE LI

DOCDB simple family (publication)
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