

Title (en)  
Inspection manhole for fluid transport installations.

Title (de)  
Reinigungsöffnung für Anlagen zum Transportieren von Flüssigkeiten.

Title (fr)  
Regard pour installations de transport de fluide.

Publication  
**EP 0310488 A1 19890405 (FR)**

Application  
**EP 88402422 A 19880926**

Priority  
FR 8713652 A 19871002

Abstract (en)  
Inspection manhole for installations such as, for example, a drainage or sewerage installation, of the type comprising an inspection manhole bottom (1) made of a double-walled plastic material with lateral openings (6) for attaching fluid inlets and/or outlets thereto, and one or more risers being fitted onto the inspection manhole bottom, characterised in that the outer lower wall (4) of the inspection manhole bottom (1) is provided with hollows (10) serving as reinforcement ribbing. <IMAGE>

Abstract (fr)  
Regard pour installations de transport de fluide, par exemple une installation de drainage ou d'égout, du type comportant un fond de regard (1) en matière plastique à double paroi avec des ouvertures latérales (6) pour y raccorder des entrées et/ou des sorties de fluide, et une ou plusieurs rehausses venant s'adapter sur le fond de regard, caractérisé en ce que la paroi inférieure extérieure (4) du fond de regard (1) est munie de creux (10 servant de nervures de renforcement.

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

IPC 8 full level  
**E02D 29/12** (2006.01); **E03F 5/02** (2006.01)

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**E03F 5/02** (2013.01); **E03F 5/021** (2013.01); **E03F 5/024** (2013.01); **E03F 5/025** (2013.01)

Citation (search report)

- [Y] GB 1363302 A 19740814 - HEPWORTH IRON CO LTD
- [Y] DE 8608182 U1 19860703
- [Y] GB 1568364 A 19800529 - LUMB D
- [A] DE 1609143 A1 19700326 - W J VAN DE KERKE EN ZOON NV
- [A] DE 2546800 A1 19770421 - JOCHUM GEB REXIN ELISABETH
- [A] DE 3530762 A1 19860306 - SERMEKA OY [FI]

Cited by  
US6195944B1; CN102203355A; DE4236193A1; DE102006038664A1; EP0899387A1; NL1036127C; EP0641897A1; US5462383A; US9565919B2; US8875955B2; DE102006038664B4; US8821056B2; WO2010049920A3; WO9516830A1

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