

Title (en)  
Ladder for manhole

Title (de)  
Schachtleiter

Title (fr)  
Echelle pour puits de regard

Publication  
**EP 1253281 B1 20040519 (DE)**

Application  
**EP 02008822 A 20020419**

Priority  
DE 20107005 U 20010423

Abstract (en)  
[origin: EP1253281A1] Ladder (1) comprises two vertical parallel side rails (2), a number of U-shaped rungs (3) fixed to the side rails, and fixing devices (4) for fixing the ladder to the wall of a sewer. The rungs project into the sewer cross-section. Preferred Features: The rungs are made of a crude material, a solid material or a V4A material.

IPC 1-7  
**E06C 9/02**

IPC 8 full level  
**E06C 7/08** (2006.01); **E06C 9/02** (2006.01)

CPC (source: EP)  
**E06C 7/08** (2013.01); **E06C 9/02** (2013.01)

Cited by  
DE202021103802U1; EP4119765A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1253281 A1 20021030; EP 1253281 B1 20040519**; AT E267336 T1 20040615; DE 20107005 U1 20010816; DE 50200451 D1 20040624

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**EP 02008822 A 20020419**; AT 02008822 T 20020419; DE 20107005 U 20010423; DE 50200451 T 20020419