

Title (en)
Foothold for a manhole or the like

Title (de)
Steigeisen für einen Schacht oder dergleichen

Title (fr)
Echelon pour puits ou similaire

Publication
EP 1241320 B1 20041215 (EN)

Application
EP 01115178 A 20010622

Priority
JP 2001001282 U 20010312

Abstract (en)
[origin: EP1241320A1] Legs (4) of the foothold (1) are retained by or fitted securely and easily in holes bored in a concrete wall such as a manhole or the like so that the foothold (1) can be securely fixed to the wall of the manhole or the like and a person utilizing the foothold (1) can safely go up and down, and the foothold (1) can be endured for a long period of use and become safe. The foothold (1) for a manhole or the like comprising slip prevention patterns (7) formed at the tread (2), reflectors (8) provided on the tread (2) at portions close to both ends thereof while sandwiching the slip prevention patterns (7), a wave-shaped grip portion (9) provided on the tread (2) at an inner side thereof in the axial direction and another wave-shaped grip portion (11) having irregularities (10) and provided at a lower surface of the tread (2) in the axial direction, and collars (14, 14) integrally formed with the synthetic resin (6) and provided at boundary portions between the side portions (3) and the legs (4) capable of contacting the concrete wall. <IMAGE>

IPC 1-7
E06C 9/04

IPC 8 full level
E06C 9/04 (2006.01)

CPC (source: EP)
E06C 9/04 (2013.01)

Designated contracting state (EPC)
AT DE GB TR

DOCDB simple family (publication)
EP 1241320 A1 20020918; EP 1241320 B1 20041215; AT E285020 T1 20050115; CZ 20012396 A3 20021016; CZ 299657 B6 20081008; DE 60107806 D1 20050120; DE 60107806 T2 20050512; JP 3080204 U 20010921

DOCDB simple family (application)
EP 01115178 A 20010622; AT 01115178 T 20010622; CZ 20012396 A 20010627; DE 60107806 T 20010622; JP 2001001282 U 20010312