

Title (en)

INSTALLATION, DEVICE AND METHOD FOR A SOIL AIR OPENING AND INVESTIGATION OF SOIL COMPRESSION

Title (de)

INSTALLATION, VORRICHTUNG UND VERFAHREN FÜR EINE BODENLUFTÖFFNUNG UND VERDICHTUNGSUNTERSUCHUNG

Title (fr)

STRUCTURE, DISPOSITIF ET PROCEDE PERMETTANT DE CONTROLER L'AIR DU SOL ET D'ANALYSER L'ETANCHEITE D'UN REVETEMENT

Publication

**EP 0979330 A2 20000216 (EN)**

Application

**EP 98920736 A 19980429**

Priority

- NL 9800240 W 19980429
- NL 1005931 A 19970429

Abstract (en)

[origin: WO9849401A2] Arrangement and apparatus for soil air monitoring, paving sealing examination and soil air extraction with regard to the soil (25) under a liquid-tight and/or gas-tight floor (27) of a location, in particular for examining the degree of liquid-tightness of such floor (27). The arrangement comprises soil air monitoring units (15), which extend from the floor surface (28) into the soil (25), which units are positioned in such a manner that their operational area preferably comprises the soil (25) under the entire floor (27), but at least those parts of the soil (25) under or in the direct vicinity of parts of the floor (27) where there is a specific risk of contaminated substances penetrating from the floor (27) into the soil (25). The interface between the floor surface (28) and a soil air monitoring unit (15) is fluid-tight, and the soil air monitoring units (15) are individually accessible from the floor surface (28) via a closable opening (41).

IPC 1-7

**E02D 31/00**

IPC 8 full level

**E02D 31/00** (2006.01)

CPC (source: EP)

**E02D 31/00** (2013.01)

Citation (search report)

See references of WO 9849401A2

Cited by

EP2754753A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9849401 A2 19981105; WO 9849401 A3 19990204;** AU 7351098 A 19981124; CA 2288231 A1 19981105; DE 29807550 U1 19981112; EP 0979330 A2 20000216; NL 1005931 A1 19981103; NL 1005931 C2 19981123; NO 995277 D0 19991028; NO 995277 L 19991220

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**NL 9800240 W 19980429;** AU 7351098 A 19980429; CA 2288231 A 19980429; DE 29807550 U 19980429; EP 98920736 A 19980429; NL 1005931 A 19970429; NO 995277 A 19991028