

Title (en)
Process and installation for compensating ground subsidence

Title (de)
Verfahren und Anlage zum Ausgleichen von Grundsenkungen

Title (fr)
Procédé et installation de compensation de mouvements de sol

Publication
EP 1270825 A1 20030102 (FR)

Application
EP 01401636 A 20010625

Priority
EP 01401636 A 20010625

Abstract (en)
The compensator consists of a tube (50) that is laid in ground subject to movement, having holes (52j) at intervals along its length covered by movable shutters (54j) and sealed chambers (56) that can be inflated selectively by a liquid such as a stabilised cement, synthetic resin or 'super-gel'. The shutters can be in the form of sleeves of an elastic material deformed by the liquid pressure, and each inflatable chamber is sealed by its ends to the tube and has a deformable wall of metal or a synthetic material.

Abstract (fr)
Dispositif pour compenser des mouvements de sol comprenant un tube (50) muni sur sa longueur d'orifices (52j) équipés d'un élément d'obturation mobile (54j) et au droit desquels sont respectivement disposés des organes étanches (56) susceptibles d'être gonflés sélectivement par un liquide.
<IMAGE>

IPC 1-7
E02D 35/00

IPC 8 full level
E02D 35/00 (2006.01)

CPC (source: EP)
E02D 35/00 (2013.01)

Citation (search report)

- [Y] FR 2444873 A1 19800718 - FREYSSINET INT STUP
- [Y] EP 0870898 A1 19981014 - SOLETANCHE BACHY FRANCE [FR]
- [A] DE 4210196 A1 19930930 - GUDEHUS GERD PROF DR ING [DE]
- [A] FR 986619 A 19510802 - SONDAGES ETANCHEMENTS

Designated contracting state (EPC)
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EP 1270825 A1 20030102; EP 1270825 B1 20061129; AT E346990 T1 20061215; DE 60124886 D1 20070111; DE 60124886 T2 20070830

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