

Title (en)

Device for and method of inserting a drainage material into the ground

Title (de)

Vorrichtung und Verfahren zum Einbringen eines Drainagematerials in den Erdboden

Title (fr)

Appareil et procédé pour la mise en place d'un matériau de drainage dans le sol

Publication

**EP 1369534 A1 20031210 (EN)**

Application

**EP 02077306 A 20020606**

Priority

EP 02077306 A 20020606

Abstract (en)

The invention pertains to device for and a method of inserting a drainage material (5), such as a drainage wick, into the ground, said device comprising a carrier (1) or frame, an insertion lance (3) comprising a passage for receiving the drainage material (5), and a means (2) for guiding the lance. The lance comprises a bottom portion (11) which, seen in the insertion direction of the lance, has a cross-sectional area smaller than that of the adjoining portion (13) of the lance. The resistance acting on the lance during insertion thus can be reduced considerably. <IMAGE>

IPC 1-7

**E02D 3/10**

IPC 8 full level

**E02D 3/10 (2006.01)**

CPC (source: EP)

**E02D 3/103 (2013.01)**

Citation (applicant)

- GB 632902 A 19491205 - WALTER KJELLMAN
- EP 0226251 A1 19870624 - CORTLEVER NICO GERHARD
- EP 0672795 A1 19950920 - GEOTECHNICS HOLLAND [NL]

Citation (search report)

- [A] DE 9405392 U1 19950223 - KLEMM BOHRTECH [DE]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 02 29 February 2000 (2000-02-29)

Cited by

US7566188B2; US7736091B2

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