

Title (en)

Method, equipment and device for generating and injecting foam for digging of soil

Title (de)

Verfahren, Ausrüstung und Gerät zum Erzeugen und Injizieren von Schaum für das Ausgraben des Bodens

Title (fr)

Procédé, équipement et dispositif de génération et d'injection de mousse pour le creusement de sol

Publication

**EP 0580510 B1 19981028 (FR)**

Application

**EP 93401893 A 19930722**

Priority

FR 9209056 A 19920722

Abstract (en)

[origin: EP0580510A1] The partition (8) of the confinement chamber (9), the front and the rear of the excavator disc (7), the screw (10) for the removal of debris, as well as the peripheral skirt (6) of the boring tool (1), are provided with orifices (21) for injection of foam, in proximity to each of which at least one pressurised foam generator device (24) is situated, which device has its own operational control. <IMAGE>

IPC 1-7

**E21D 9/06**

IPC 8 full level

**E21D 9/06** (2006.01); **E21D 9/087** (2006.01)

CPC (source: EP)

**E21D 9/06** (2013.01); **E21D 9/0685** (2016.01)

Cited by

CN105484754A; JP2016017328A; CN108952736A; EP2284360A1; CN113446022A; EP0899422A1; US6089791A; JP2016017326A; DE102020106987A1; WO2021180650A1; EP2910733B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0580510 A1 19940126**; **EP 0580510 B1 19981028**; AT E172780 T1 19981115; DE 69321782 D1 19981203; FR 2694045 A1 19940128; FR 2694045 B1 19941014

DOCDB simple family (application)

**EP 93401893 A 19930722**; AT 93401893 T 19930722; DE 69321782 T 19930722; FR 9209056 A 19920722