

Title (en)

Improved device for treating soil using rotating jets

Title (de)

Verbesserte Bodenbearbeitungsvorrichtung mit rotierenden Strahlen

Title (fr)

Dispositif perfectionné pour le traitement des sols par jet(s) rotatif(s)

Publication

**EP 0596792 B1 19960904 (FR)**

Application

**EP 93402687 A 19931102**

Priority

FR 9213154 A 19921103

Abstract (en)

[origin: EP0596792A1] The invention relates to a device for treating the land by a jet comprising a string (1) of rods or tubes (2) coupled to one after another, a device (7, 8) for driving the string of rods or tubes in terms of rotation and, if desired, in terms of translation, mounted on the upper part of the said string, at least one ejection nozzle (4, 5) provided at the lower part of the said string, at least one source (11, 13) of fluid under high pressure, and a pipe connecting the source of high pressure fluid to the said nozzle, characterized in that the device for driving the string of rods or tubes imparts to the latter a reciprocating rotational movement and the feed pipe consists of a flexible hose (10, 12) connecting the said source to the said nozzle. Use in the civil engineering field. <IMAGE>

IPC 1-7

**E02D 3/12**

IPC 8 full level

**E02D 3/12** (2006.01)

CPC (source: EP)

**E02D 3/126** (2013.01)

Cited by

CN113818427A; CN101876170A; BE1018515A3; CN115038514A; EP4065261A4

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 0596792 A1 19940511; EP 0596792 B1 19960904**; AT E142295 T1 19960915; AU 5038893 A 19940519; AU 668769 B2 19960516; DE 69304486 D1 19961010; DE 69304486 T2 19970313; DK 0596792 T3 19961007; FR 2697551 A1 19940506; FR 2697551 B1 19941209; GR 3020980 T3 19961231; HK 7097 A 19970124; JP 3215560 B2 20011009; JP H06280249 A 19941004; MY 109443 A 19970131; SG 44466 A1 19971219; TW 234727 B 19941121

DOCDB simple family (application)

**EP 93402687 A 19931102**; AT 93402687 T 19931102; AU 5038893 A 19931101; DE 69304486 T 19931102; DK 93402687 T 19931102; FR 9213154 A 19921103; GR 960402188 T 19960912; HK 7097 A 19970116; JP 27565993 A 19931104; MY PI19932292 A 19931103; SG 1996000652 A 19931102; TW 82109161 A 19931103