

Title (en)

A packing apparatus and method for soil nailing

Title (de)

Packer und Verfahren zur Bodenvernagelung

Title (fr)

Garniture d'étanchéité et méthode pour clouage de sol

Publication

EP 1375754 A2 20040102 (EN)

Application

EP 02024268 A 20021031

Priority

KR 20020018948 U 20020622

Abstract (en)

The present invention relates to a packing apparatus (45,33a,33b,35) for pressure type soil-nailing and soil-nailing construction method using the apparatus, can shorten a grouting time through pressure type grouting which seals completely grouting area, and can improve stability of a ground reinforcing body by filling liquid grout to even a gap between a boring hole and the ground and void of the ground. <IMAGE>

IPC 1-7

E02D 5/76; **E02D 5/80**

IPC 8 full level

E02D 3/12 (2006.01); **E02D 5/76** (2006.01); **E02D 17/04** (2006.01); **E02D 17/20** (2006.01)

CPC (source: EP KR US)

E02D 5/76 (2013.01 - EP US); **E02D 5/80** (2013.01 - KR); **E21D 21/00** (2013.01 - KR)

Cited by

CN105239586A; CN105696599A; CN102296603A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

US 2003235472 A1 20031225; DE 60232139 D1 20090610; EP 1375754 A2 20040102; EP 1375754 A3 20040915; EP 1375754 B1 20090429; JP 2004027813 A 20040129; KR 200290351 Y1 20020927

DOCDB simple family (application)

US 28496702 A 20021031; DE 60232139 T 20021031; EP 02024268 A 20021031; JP 2002317469 A 20021031; KR 20020018948 U 20020622