

Title (en)

Reinforced soil works and facing elements for construction thereof

Title (de)

Bewehrtes Erdbauwerk und Vorderflächenelemente für dessen Bau

Title (fr)

Ouvrage en sol renforcé et éléments de parement pour sa construction

Publication

**EP 1662050 A1 20060531 (FR)**

Application

**EP 05291681 A 20050805**

Priority

FR 0412528 A 20041125

Abstract (en)

Soil structure has a fill (1), reinforcement strips (2) and a facing (3) which incorporates a path formed for the strips. The path includes two rectilinear regions adjacent to two point of emergence and each arranged to position the strip in common plane of emergence, two curved regions to deviate strip from plane of emergence, connector for joining the curved portions, and loop placed outside plane of emergence. An independent claim is also included for the facing element for stabilized soil structure.

IPC 8 full level

**E02D 29/02** (2006.01)

CPC (source: EP KR US)

**E02D 29/0241** (2013.01 - EP KR US)

Citation (applicant)

- US 5839855 A 19981124 - ANDERSON PETER [US], et al
- FR 2812893 A1 20020215 - FREYSSINET INT STUP [FR]

Citation (search report)

- [XY] FR 2803610 A1 20010713 - FREYSSINET INT STUP [FR]
- [DYA] US 5839855 A 19981124 - ANDERSON PETER [US], et al

Cited by

WO2010063939A1; FR2913436A1; RU2597894C2; FR2939157A1; JP2012510579A; US8011859B2; US9422686B2; US8579549B2; WO2019076837A1; US11391009B2; WO2012069868A3; WO2008122733A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1662050 A1 20060531; EP 1662050 B1 20140129**; AU 2005203681 A1 20060608; AU 2005203681 B2 20110707; CA 2515316 A1 20060525; CA 2515316 C 20130611; ES 2459749 T3 20140512; FR 2878268 A1 20060526; FR 2878268 B1 20070209; HK 1087448 A1 20061013; JP 2006152786 A 20060615; JP 2006152790 A 20060615; JP 3903057 B2 20070411; KR 100722963 B1 20070530; KR 20060058756 A 20060530; MX PA05012594 A 20071019; MY 141455 A 20100430; PL 1662050 T3 20140731; US 2006110221 A1 20060525; US 7491018 B2 20090217; ZA 200506505 B 20060521

DOCDB simple family (application)

**EP 05291681 A 20050805**; AU 2005203681 A 20050815; CA 2515316 A 20050811; ES 05291681 T 20050805; FR 0412528 A 20041125; HK 06107516 A 20060704; JP 2005211476 A 20050721; JP 2005290359 A 20051003; KR 20050036239 A 20050429; MX PA05012594 A 20051122; MY PI20053724 A 20050810; PL 05291681 T 20050805; US 7295405 A 20050303; ZA 200506505 A 20050815