

Title (en)

Method of improving the sliding resistance of a civil engineering construction and its foundation.

Title (de)

Verfahren zum Verbessern des Gleitwiderstandes von einer Baukonstruktion und ihre Fundierung.

Title (fr)

Procédé pour l'amélioration de la résistance au glissement d'un ouvrage de génie civil et fondation s'y rapportant.

Publication

EP 0028558 A1 19810513 (FR)

Application

EP 80401512 A 19801024

Priority

FR 7927297 A 19791106

Abstract (en)

[origin: US4704052A] A foundation for a retaining wall-type of structure acted upon by a principal force tending to slide same in a predetermined direction is anchored by a plurality of slide resisting walls. The slide resisting walls extend parallel to the predetermined direction in which the foundation tends to slide. The upper portions of the slide resisting walls are embedded in a concrete mass. The lower portions of the slide resisting walls project downwardly from the concrete mass into the earth, and are solely in engagement with the earth and not with concrete.

Abstract (fr)

Avant de construire l'ouvrage 19, on bat dans le sol (1) des rideaux (9) dits rideaux de refend, en palplanches métalliques parallèles à la direction des efforts que l'ouvrage (19) aura à supporter, puis on met en place le béton (15) de l'ouvrage en y englobant la partie supérieure des rideaux de refend (9). Application notamment à la construction des barrages.

IPC 1-7

E02D 29/02; **E02D 31/10**; **E02B 7/02**

IPC 8 full level

E02B 7/02 (2006.01); **E02D 29/02** (2006.01); **E02D 31/10** (2006.01)

CPC (source: EP US)

E02B 7/02 (2013.01 - EP US); **E02D 29/0266** (2013.01 - EP US); **E02D 31/10** (2013.01 - EP US)

Citation (search report)

- FR 2190129 A5 19740125 - AUBERT J [FR]
- FR 2147728 A5 19730309 - IRWIN CHILDS FRANCIS

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DE3612374A1; DE3714585A1; CN101806070A

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EP 0028558 A1 19810513; **EP 0028558 B1 19840530**; AT E7717 T1 19840615; BR 8007180 A 19810512; DE 3068057 D1 19840705; FR 2468698 A1 19810508; FR 2468698 B1 19811204; HU 183242 B 19840428; PL 227677 A1 19810821; US 4704052 A 19871103; YU 282380 A 19831031

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