

Title (en)

Retaining wall and in situ method of construction.

Title (de)

Stützmauer und Bauverfahren in situ.

Title (fr)

Mur de soutènement et méthode de construction in situ.

Publication

EP 0070659 A1 19830126 (EN)

Application

EP 82303617 A 19820709

Priority

US 28193781 A 19810710

Abstract (en)

A method is described of constructing an internally stabilized structure in situ which includes the steps of boring holes (34) into the face (40) of the earth mass (24) and positioning reinforcing members (30) in the bore holes. Sand or other particulate material is fed into the bore holes (34) to surround the reinforcing member (30) so as to transmit forces from the earth mass to the member (30). A tube (54) is assembled with each reinforcing member when it is inserted in the bore hole. Sand (36) is fed through the tube (54) to fill the bore hole (34) progressively from the inner end toward the face (40), as the tube (54) is progressively withdrawn from the bore hole (34). To protect the face (40), a covering such as grouting may be applied, or wall elements (28) may be connected to the ends of the reinforcing members (30).

IPC 1-7

E02D 29/02

IPC 8 full level

E02D 17/18 (2006.01); **E02D 29/02** (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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