

Title (en)

A method and equipment for strengthening a piles wall

Title (de)

Methode und Ausrüstung zur Verstärkung einer Pfahlwand

Title (fr)

Méthode et équipement pour renforcer une paroi de pieux

Publication

EP 1498551 A1 20050119 (EN)

Application

EP 04291663 A 20040701

Priority

GB 0316750 A 20030717

Abstract (en)

A method for strengthening a wall comprising a plurality of piles (10,12) made of concrete and separated by intervals consisting of less hard material said method comprising the steps of: drilling anchoring holes into the material forming said intervals; fixing anchoring members (24) within said anchoring holes, said anchoring members having heads which project out of said material; fixing a strengthening structure (32) to the heads of said anchoring members, said strengthening structure facing at least said intervals between said piles. <IMAGE>

IPC 1-7

E02D 5/74; **E02D 5/18**

IPC 8 full level

E02D 5/10 (2006.01); **E02D 5/12** (2006.01); **E02D 5/18** (2006.01); **E02D 5/74** (2006.01)

CPC (source: EP GB)

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Citation (search report)

- [XY] US 6299386 B1 20011009 - BYRNE R JOHN [US], et al
- [X] US 4911583 A 19900327 - CAREY CHARLES [US]
- [Y] US 4362440 A 19821207 - GLAESMANN OTTO-ERNST, et al
- [Y] GB 779011 A 19570717 - BECORIT GRUBENAUSSBAU GMBH
- [A] US 4402639 A 19830906 - KESSLER JUERGEN [DE]
- [A] DE 4100137 A1 19920716 - DYCKERHOFF & WIDMANN AG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 0172, no. 82 (M - 1420) 31 May 1993 (1993-05-31)

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