

Title (en)

Method of stabilizing a rock structure and stabilizer therefor.

Title (de)

Verfahren zum Verfestigen einer Felsformation und dafür geeigneter Anker.

Title (fr)

Méthode pour solidification d'une formation de roche et dispositif d'ancrage pour cela.

Publication

**EP 0272233 A1 19880622 (EN)**

Application

**EP 87850353 A 19871118**

Priority

SE 8605408 A 19861216

Abstract (en)

A closed tubular preferably circular cylindrical rock stabilizer is made of expansible mild steel and given a perimeter equal to  $\pi D$ . After being inserted in a drill hole of a diameter slightly larger than  $D$ , the stabilizer is expanded radially by hydraulic high pressure fluid past the value  $D$  to such an extent that the irregularities of the drill hole are filled and the rock widened elastically around the stabilizer to provide an anchoring shrinkage fit therefor.

IPC 1-7

**E21D 21/00**

IPC 8 full level

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CPC (source: EP)

**E21D 21/004** (2013.01); **E21D 21/0046** (2013.01)

Citation (search report)

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- [AD] US 4423986 A 19840103 - SKOGBERG BO T [SE]
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