

Title (en)

DEVICE FOR PREPARING AND SETTING BONDING CHARGES

Publication

**EP 0020270 B1 19830330 (FR)**

Application

**EP 80400761 A 19800529**

Priority

FR 7914082 A 19790601

Abstract (en)

[origin: US4358227A] The invention relates to a device for the preparation and injection of sealing cement for bolts in propping gallery roofs and walls in mines, quarries or tunnels. The device of the invention comprises a flexible pouch contained in a rigid housing which is connected to a liquid supply system and an injection nozzle that is double-walled along its entire length, the inner nozzle receiving pulverulent cement from the flexible pouch and the outer ring of the nozzle being supplied with water. Thus, the cement and water are separately introduced into a bore for the bolts and the mixing process takes place in the bore.

IPC 1-7

**E21D 20/02**; B05B 7/24; E04G 21/04

IPC 8 full level

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CPC (source: EP US)

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