

Title (en)

BOLTING DEVICE WITH LINEAR POSITIONING

Publication

EP 0020271 B1 19830323 (FR)

Application

EP 80400762 A 19800529

Priority

FR 7914083 A 19790601

Abstract (en)

[origin: EP0020271A1] 1. A bolting device comprising a movable support (5) supporting a drilling system (2), a system (8) for injecting the sealing charges and a system for inserting and tightening the bolts (11), and these systems (2, 8, 11) may be located in succession in the operating position in the axis of the drilling hole, characterized in that the movable support (5) is displaced in a straight line along an axis in order to bring the different systems (2, 8, 11) into position in succession and in that the axis of each of the above systems is perpendicular to the axis of displacement of the movable support (5).

IPC 1-7

E21D 20/02

IPC 8 full level

E21D 21/00 (2006.01); **E21D 20/00** (2006.01); **E21D 20/02** (2006.01)

CPC (source: EP)

E21D 20/003 (2013.01)

Cited by

US9856733B2; EP0130969A3; FR2545150A1; EP0124658A1; AT384860B

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DOCDB simple family (publication)

EP 0020271 A1 19801210; **EP 0020271 B1 19830323**; AT E2861 T1 19830415; DE 3062421 D1 19830428; FR 2457962 A1 19801226; FR 2457962 B1 19830204; JP S5625600 A 19810311; ZA 803194 B 19810527

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EP 80400762 A 19800529; AT 80400762 T 19800529; DE 3062421 T 19800529; FR 7914083 A 19790601; JP 7411780 A 19800602; ZA 803194 A 19800528