

Title (en)  
DEVICE FOR FEEDING POWDER INTO THE BARREL OF A DETONATION INSTALLATION

Publication  
**EP 0401371 A4 19910911 (DE)**

Application  
**EP 89903940 A 19881226**

Priority  
SU 8800277 W 19881226

Abstract (en)  
[origin: WO9007386A1] The device comprises a casing (1) provided with a barrel (2) passing through it, and with a powder accumulating-dosing arrangement (7). The device consists of three sections (3, 4, 5) of which the outer ones (3, 4) are rigidly connected to the casing (1), whereas the middle one (5) is provided with a drive for its reciprocal movement along the axis of the barrel (2). The lower part of the casing (1) located below the powder accumulating-dosing arrangement (7) constitutes a chamber (9) for the accumulation of the powder, provided with a mechanism (10) for returning the powder to the accumulating-dosing arrangement (7) located in one of the joining zones between the movable (5) and stationary sections (3, 4).

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CPC (source: EP)  
**B05B 7/0006** (2013.01); **B05B 7/144** (2013.01)

Citation (search report)  
• [A] US 2889083 A 19590602 - SCHWINHORST WALTER A  
• [A] US 3558052 A 19710126 - DUNN JOHN P  
• See references of WO 9007386A1

Cited by  
US6000627A; WO9723300A1; WO9723299A1

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