

Title (en)

PROCESS FOR THE QUASI-ISOSTATIC PRESSING OF PRECISELY SHAPED EXPLOSIVE CHARGES, APPARATUS THEREFOR AND APPLICATION THEREOF

Publication

**EP 0296099 B1 19911204 (DE)**

Application

**EP 88810236 A 19880413**

Priority

CH 228087 A 19870617

Abstract (en)

[origin: US4920079A] A water-filled pressure chamber (7) loaded by conventional pumps at pressures of several thousand bars is used to isostatically press explosive charges. Inside this pressure chamber (7) is a compression mold (6) having an inner/outer mold (1) consisting of several components. Explosives in the mold are subjected through an elastic sleeve (3) to liquid pressure (p), so that the interior pressure in the chamber will be nearly isostatic. Following pressure relief, Dimensionally accurate and homogeneous precision explosive charges are obtained. The present invention also includes the process using the pressure chamber. The invention increases manufacturing output and quality of explosive charges so produced.

IPC 1-7

**B30B 11/00; C06B 21/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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