

Title (en)  
BLASTING DEVICE FOR PRECISION BLASTING

Publication  
**EP 0142717 B1 19880309 (DE)**

Application  
**EP 84112537 A 19841017**

Priority  
• DE 3341459 A 19831117  
• DE 3436086 A 19841002

Abstract (en)  
[origin: EP0142717A1] 1. Blasting device for non-recurrent use for precision blasting, on which an explosive (5) is able to be applied, characterized in that the blasting device consists of a hollow body (1 ; 8) which is closed on all sides, and which is provided to receive a non-combustible fluid as tamping substance (2), that the hollow body (1) is provided with a contact surface (3) serving for the application of the blasting device on a surface of the object which is to be blasted, that the hollow body (1) partially surrounds the explosive (5) externally, whereby for this within the extent of the contact surface (3 ; 10) and partially delimited thereby at least one associated depression (4, 4') which is open toward the exterior is provided in the wall of the hollow body to receive the explosive (5), and that the hollow body (1) is thin-walled but at the same time inherently stable such that there is a defined association of the explosive (5) to the blasting device and to the object which is to be blasted.

IPC 1-7  
**F42D 5/04**; F42D 3/00; F42B 3/00

IPC 8 full level  
**F42B 3/00** (2006.01); **F42B 3/093** (2006.01); **F42D 3/00** (2006.01); **F42D 5/04** (2006.01); **F42D 5/045** (2006.01)

CPC (source: EP)  
**F42B 3/093** (2013.01); **F42D 3/00** (2013.01); **F42D 5/045** (2013.01)

Cited by  
US11204227B2; KR101065019B1; CN114199080A; EP0916786A4; US2013319277A1; EP2340201A4; CN107884815A; CN108692625A; WO2010039119A1; WO2007099359A1; US6279477B1; US6431074B2; EP0276918B1

Designated contracting state (EPC)  
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