

Title (en)

METHOD AND APPARATUS FOR CUTTING UNDER WATER BY WAY OF AN EXPLOSIVE CHARGE

Publication

EP 0055165 B1 19840516 (FR)

Application

EP 81401970 A 19811210

Priority

FR 8026516 A 19801215

Abstract (en)

[origin: EP0055165A1] 1. Pyrotechnical underwater cutting procedure using detonating cord (1) with linear hollow-charge action, consisting of a malleable duct (2) containing a continuous pyrotechnical charge (3) which forms an open cavity (4) designed to be applied against a surface (5) to be cut, characterized in that : - said cord is wrapped in a flexible and sealed envelope (6) made of a heat-shrink plastic film ; - said envelope is caused to shrink by heating, to match the contour so that the opening of said cavity is blocked by stretched film (6a) ; - said cavity is connected with a source of compressed gas (7) with pressure equal to or slightly above hydrostatic pressure at immersion depth.

IPC 1-7

B26F 3/04

IPC 8 full level

B26F 3/04 (2006.01); **B63C 11/52** (2006.01); **F42B 3/08** (2006.01)

CPC (source: EP)

B26F 3/04 (2013.01); **B63C 11/52** (2013.01); **F42B 3/08** (2013.01)

Cited by

EP2075525A1; FR2925955A1; US6901836B1; FR2806342A1

Designated contracting state (EPC)

BE DE NL

DOCDB simple family (publication)

EP 0055165 A1 19820630; **EP 0055165 B1 19840516**; DE 3163683 D1 19840620; FR 2495991 A1 19820618; FR 2495991 B1 19841005

DOCDB simple family (application)

EP 81401970 A 19811210; DE 3163683 T 19811210; FR 8026516 A 19801215