

Title (en)  
IMPROVEMENT IN BLASTING APPARATUS

Publication  
**EP 0523181 A4 19930210 (EN)**

Application  
**EP 91908361 A 19910404**

Priority  
US 50591890 A 19900406

Abstract (en)  
[origin: WO9115336A1] Conventional industrial pressure blasting apparatus (8) is modified to allow a controlled pressure on the blast pot that is greater than the pressure on the line where the media and air are mixed for conveying the mixture to the nozzle and then to the workpiece. A media control device (18), with a fixed but readily variable area, is placed between the blast pot (10) and the media/air mixing line (20) to meter the media flow and maintain the pressure differential between the blast pot and the line. This allows control of the media flow when low flow rates, below about 10 pounds per minute, are required.

IPC 1-7  
**B24C 7/00**

IPC 8 full level  
**B24C 7/00** (2006.01)

CPC (source: EP)  
**B24C 7/0061** (2013.01); **B24C 7/0084** (2013.01)

Citation (search report)  
• [Y] US 4878320 A 19891107 - WOODSON JERRY P [US]  
• [Y] US 4412402 A 19831101 - GALLANT BEN J [US]  
• See references of WO 9115336A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9115336 A1 19911017**; AU 638130 B2 19930617; AU 7744691 A 19911030; CA 2079894 A1 19911007; CN 1027873 C 19950315; CN 1058927 A 19920226; EP 0523181 A1 19930120; EP 0523181 A4 19930210; IL 97704 A0 19920621; JP H05507242 A 19931021; JP H0755450 B2 19950614; NZ 237595 A 19930927; ZA 912536 B 19911224

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**US 9102332 W 19910404**; AU 7744691 A 19910404; CA 2079894 A 19910404; CN 91103064 A 19910406; EP 91908361 A 19910404; IL 9770491 A 19910328; JP 50801291 A 19910404; NZ 23759591 A 19910326; ZA 912536 A 19910405