

Title (en)  
Method and device for blasting with a blasting medium at a reduced temperature

Title (de)  
Verfahren und Vorrichtung zum Bestrahlen mit Strahlmittel unter Kühlung

Title (fr)  
Procédé et appareil de grenaillage avec des particules refroidies

Publication  
**EP 1034889 A3 20001220 (DE)**

Application  
**EP 00104374 A 20000302**

Priority  
DE 19909719 A 19990305

Abstract (en)  
[origin: DE10010010A1] The method and equipment for exposing a workpiece to blasting media (3) in solid aggregate form under normal conditions involve a blasting plant (1) with injectors for adding the blasting medium to a jet of carrier gas (2,5). A tube (7) leads from the blasting plant to a blasting appliance (4) from which the blasting medium is applied to the workpiece being treated. The jet of carrier gas is cooled by adding liquefied gases (6) conveyed in a pipe (8) to a part-jet in the form of a bypass (5) of the jet.

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

IPC 8 full level  
**B24C 1/00** (2006.01); **B24C 3/00** (2006.01); **B24C 7/00** (2006.01)

CPC (source: EP)  
**B24C 1/00** (2013.01); **B24C 7/0046** (2013.01); **B24C 9/00** (2013.01)

Citation (search report)

- [X] EP 0228939 A1 19870715 - AIR LIQUIDE [FR]
- [A] WO 9324275 A1 19931209 - ICE BLAST INT LTD [BB], et al
- [A] DE 3617692 A1 19871203 - FERTL KLAUS [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05 30 May 1997 (1997-05-30)

Cited by  
WO2006000274A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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