

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

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

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