

Title (en)

Method of capturing material during dry ice blasting

Title (de)

Verfahren zum Auffangen von Material bei Trockeneisstrahlen

Title (fr)

Procédé de capture de matériau durant le sablage de glace sèche

Publication

EP 2306467 A1 20110406 (EN)

Application

EP 09012566 A 20091005

Priority

EP 09012566 A 20091005

Abstract (en)

The invention relates to a method of capturing material during a dry ice blasting decontamination process using a moveable hood (4) with one or more suction adapters (12), the hood (4) being open to the cleaning surface (2), closed to the sides and having an opening at the top to insert a dry ice blasting gun (10) which can be moved independently within the confines of the hood (4)

IPC 8 full level

G21F 9/00 (2006.01); **B08B 3/12** (2006.01); **B08B 7/04** (2006.01); **B23K 26/00** (2006.01); **B24C 1/00** (2006.01); **B24C 9/00** (2006.01); **B24C 11/00** (2006.01)

CPC (source: EP)

B08B 15/04 (2013.01); **B24C 1/003** (2013.01); **B24C 9/003** (2013.01); **G21F 9/005** (2013.01)

Citation (applicant)

- DE 19926084 A1 20001221 - FRAUNHOFER GES FORSCHUNG [DE]
- US 5123207 A 19920623 - GILLIS JR PATRICK J [US], et al
- DE 20308788 U1 20030828 - UNIV HANNOVER [DE]
- US 7097717 B2 20060829 - JUNG CHONG-HUN [KR], et al
- US 2008034522 A1 20080214 - GIPSON DALE [US]
- US 7097717 B2 20060829 - JUNG CHONG-HUN [KR], et al

Citation (search report)

- [A] US 5613509 A 19970325 - KOLB ALAN C [US], et al
- [A] GB 2145643 A 19850403 - ISHIKAWAJIMA HARIMA HEAVY IND, et al
- [A] FR 2625700 A1 19890713 - CARBOXYQUE FRANCAISE [FR], et al
- [A] EP 0234365 A1 19870902 - KRAFTWERK UNION AG [DE]
- [X] US 2008034522 A1 20080214 - GIPSON DALE [US]
- [X] US 7097717 B2 20060829 - JUNG CHONG-HUN [KR], et al

Cited by

CN108735325A; CN106714976A; US2017232461A1; WO2016048192A1; WO2022167386A1; WO2017081730A1; WO2021259424A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2306467 A1 20110406; EP 2306467 B1 20120208; AT E545136 T1 20120215

DOCDB simple family (application)

EP 09012566 A 20091005; AT 09012566 T 20091005