

Title (en)  
ABRASIVE BLAST SYSTEM

Title (de)  
SCHLEIFSTRAHLSYSTEM

Title (fr)  
SYSTÈME DE JET ABRASIF

Publication  
**EP 3638452 A4 20210310 (EN)**

Application  
**EP 18818602 A 20180614**

Priority  
• US 201762519235 P 20170614  
• US 2018037578 W 20180614

Abstract (en)  
[origin: WO2018232141A1] A vapor abrasive blast system includes a compressor for generating compressed air, a water pump for pumping a water stream to a pressure vessel to pressurize the pressure vessel. A control valve is disposed upstream of the pressure vessel and is configured to control the flow of water from the water pump to the pressure vessel to thereby control the flow of blast slurry downstream out of the pressure vessel.

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

CPC (source: EP US)  
**B24C 7/00** (2013.01 - EP); **B24C 7/0015** (2013.01 - US); **B24C 7/0038** (2013.01 - EP US); **B24C 7/0084** (2013.01 - EP);  
**B24C 7/003** (2013.01 - EP)

Citation (search report)  
• [XAI] WO 2017011780 A1 20170119 - GRACO MINNESOTA INC [US]  
• [XAI] WO 2015042032 A1 20150326 - GREENER BLAST TECHNOLOGIES INC [US]  
• [XAI] US 5283991 A 19940208 - KEIZERS JOSEF [DE]  
• [A] US 5412910 A 19950509 - WOODSON JERRY P [US], et al  
• [A] EP 2640552 A1 20130925 - ANT APPLIED NEW TECHNOLOGIES AG [DE]  
• See references of WO 2018232141A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2018232141 A1 20181220**; AU 2018285510 A1 20200102; CA 3066928 A1 20181220; CN 110753602 A 20200204;  
EP 3638452 A1 20200422; EP 3638452 A4 20210310; US 2020094377 A1 20200326

DOCDB simple family (application)  
**US 2018037578 W 20180614**; AU 2018285510 A 20180614; CA 3066928 A 20180614; CN 201880040130 A 20180614;  
EP 18818602 A 20180614; US 201816621539 A 20180614