

Title (en)
Process for treating of cast aluminium parts

Title (de)
Verfahren zur Behandlung von Aluminiumgussteilen

Title (fr)
Procédé de traitement de pièces en aluminium coulé

Publication
EP 1557223 B1 20080730 (DE)

Application
EP 04024902 A 20041020

Priority
DE 102004003422 A 20040123

Abstract (en)
[origin: EP1557223A1] To treat the surfaces of aluminum castings, especially at internal combustion motors, the outer and inner sides are treated with a high pressure wet blasting, using a mixture of water and salt crystals including at least potassium sulfate. The spray unit (10) for surface blasting has feeds (11,12) for water and salt crystals into a mixing chamber (13) and delivered through a jet (14).

IPC 8 full level
B08B 3/02 (2006.01); **B08B 9/08** (2006.01); **B24C 1/00** (2006.01); **B24C 7/00** (2006.01); **B24C 11/00** (2006.01); **C22F 1/04** (2006.01)

CPC (source: EP)
B08B 3/02 (2013.01); **B24C 7/0007** (2013.01); **B24C 7/0076** (2013.01)

Cited by
CN103938135A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1557223 A1 20050727; **EP 1557223 B1 20080730**; DE 102004003422 A1 20050818; DE 502004007730 D1 20080911

DOCDB simple family (application)
EP 04024902 A 20041020; DE 102004003422 A 20040123; DE 502004007730 T 20041020