

Title (en)  
A sump for a wet blast machine

Title (de)  
Sammelbehälter für ein Feuchtstrahlgerät

Title (fr)  
Collecteur de machine à sablage humide

Publication  
**EP 1859902 A1 20071128 (EN)**

Application  
**EP 07252036 A 20070517**

Priority  
GB 0609829 A 20060518

Abstract (en)  
The invention relates to a sump for a wet blast machine of the type comprising a housing in which abrasive slurry is pumped, typically through a nozzle, turbine or the like, the abrasive slurry being incident, in use of the machine, on a component to be cleaned or stripped. The sump (1) comprises an outer peripheral wall (11) the upper margin of which is adapted to be attached to the housing of the wet blast machine. The sump (1) is provided with a protrusion (3) spaced inwardly from the outer wall (11), and so arranged that a channel (15) in the form of a continuous loop is defined between the outer wall (11) and the inner protrusion (3), the side walls of the channel (15), that is the walls of the channel (15) as defined by the outer wall (11) and protrusion (3), being inclined. The slurry therefore collects in the bottom of the sump (1) so as not to adhere to the sides of the sump (1).

IPC 8 full level  
**B24C 9/00** (2006.01)

CPC (source: EP)  
**B24C 9/003** (2013.01)

Citation (search report)  
• [XY] US 3447272 A 19690603 - EPPLER ARTHUR H  
• [Y] US 5928719 A 19990727 - MISHIMA AKIO [JP], et al

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