

Title (en)
SAND BLASTING APPARATUS

Publication
EP 0009785 B1 19830302 (DE)

Application
EP 79103714 A 19790929

Priority
DE 2843209 A 19781004

Abstract (en)
[origin: EP0009785A1] 1. Jet member (12), for sand-blasting devices, which represents the end member of a single hose (11) connected to the respective sand-blasting device and considered in direction of flow consists substantially of a hose connector, a stop cock (18) displaying two end positions (20, 21) displaced through 90 degrees, a hose piece (22) and a jet nozzle (14), characterized by the combination of the following features ; a) the stop cock (18) is formed by a cone valve ; b) the housing (25) of the cone valve displays two hose connecting stubs (32, 33) of like kind for the connection of the single hose (11) coming from the sand-blasting device and for the hose piece (22) to the jet nozzle (14) ; c) the plug (26) of the cone valve consists of hard metal, whilst the housing (25) with its stubs (32, 33) is produced of malleable cast iron ; d) the passage bore (27) of the plug (26), when the cone valve is open, continues in adjoining enlarged flow cross-sections (34) ; e) the flow cross-section (34) at the input side lies in its clear width over the clear width of the hose (11) ; f) the hoses (11, 12) are set flush against the housing stubs (32, 33) in that sleeves (35) are screwed onto the housing stubs (32, 33) and connected through pins (36) with the hoses (11, 22) in such a manner that, on the sleeves (35) being screwed on, the end faces of the hoses press sealingly against the housing stubs (32, 33).

IPC 1-7
B24C 7/00; B24C 3/02

IPC 8 full level
B24C 3/02 (2006.01); **B24C 7/00** (2006.01)

CPC (source: EP)
B24C 7/0053 (2013.01)

Cited by
EP0514945A1; EP0359701A3; EP0362167A3; FR2524438A1; JP2002346930A

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