

Title (en)  
Shot blaster

Title (de)  
Zielstrahlreiniger

Title (fr)  
Nettoyeur à jet ciblé

Publication  
**EP 2138243 B1 20110824 (DE)**

Application  
**EP 09006256 A 20090508**

Priority  
DE 202008006364 U 20080508

Abstract (en)  
[origin: EP2138243A1] The cleaning device has first and second liquid circuits. The second circuit is fed separately in a lance body (2) and a spherical closed lance head (3). The inner lance body and the spherical closed lance head can be cleaned after use or simultaneously during the cleaning of a container without dismantling.

IPC 8 full level  
**B08B 9/093** (2006.01); **B05B 15/02** (2006.01); **B05B 15/55** (2018.01); **B05B 15/555** (2018.01)

CPC (source: EP)  
**B05B 3/02** (2013.01); **B05B 15/55** (2018.01); **B05B 15/555** (2018.01); **B08B 9/0936** (2013.01); **B05B 3/066** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2138243 A1 20091230**; **EP 2138243 B1 20110824**; AT E521423 T1 20110915; DE 202008006364 U1 20081002

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