

Title (en)  
HIGH PRESSURE CLEANING DEVICE

Publication  
**EP 0263196 B1 19900822 (DE)**

Application  
**EP 86113964 A 19861008**

Priority  
DE 3530954 A 19850829

Abstract (en)  
[origin: US4773592A] A high pressure cleaning equipment will be described which can be operated by either hot water or superheated steam with the addition of cleaning chemicals as required. For increased safety of operation of the equipment, a safety valve is additionally provided together with, as required, a steam valve, which in the case of steam operation, directs only a noticeably reduced amount of cleaning fluid per unit of time to a heat exchanger which converts the cleaning fluid to steam.

IPC 1-7  
**B08B 3/02**

IPC 8 full level  
**B08B 3/02** (2006.01)

CPC (source: EP US)  
**B08B 3/026** (2013.01 - EP US); **B08B 2203/007** (2013.01 - EP US); **B08B 2203/0205** (2013.01 - EP US); **B08B 2203/0282** (2013.01 - EP US); **B08B 2230/01** (2013.01 - EP US)

Cited by  
EP0783923A1; EP2518320A1; EP0636425A1; US5529460A

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**DE 3530954 A1 19870312; DE 3530954 C2 19890302**; EP 0263196 A1 19880413; EP 0263196 B1 19900822; US 4773592 A 19880927

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**DE 3530954 A 19850829**; EP 86113964 A 19861008; US 106587 A 19870107