

Title (en)  
TUBE BUNDLE CLEANING APPARATUS

Publication  
**EP 0050362 A3 19820915 (DE)**

Application  
**EP 81108574 A 19811020**

Priority  
DE 3039648 A 19801021

Abstract (en)  
[origin: EP0050362A2] For the purpose of cleaning tube bundles, e.g. of heat exchangers, long tubes (lances) having high-pressure nozzles arranged at their ends are used for the purpose of introduction into the tube bundles. These lances are mounted in groups on a framework which, together with expedient support devices for a tube bundle, is arranged on a carriage in such a way that it is possible for the purpose of carrying out the cleaning work to execute relative movements between the lances, on the one hand, and the tube bundle, on the other hand. <IMAGE>

IPC 1-7  
**F28G 15/02**; **F28G 1/16**

IPC 8 full level  
**B08B 9/053** (2006.01); **F28G 1/16** (2006.01); **F28G 15/02** (2006.01)

CPC (source: EP)  
**F28G 1/16** (2013.01); **F28G 15/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
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