

Title (en)

CLEANING BODIES FOR THE INTERNAL CLEANING OF TUBE HEAT EXCHANGERS

Publication

**EP 0041699 A3 19820526 (DE)**

Application

**EP 81104313 A 19810604**

Priority

DE 3021699 A 19800610

Abstract (en)

[origin: EP0041699A2] Cleaning bodies made of sponge rubber elements for the internal cleaning of tubes, in particular steam power station condensers, in which the sponge rubber element is constructed as a sponge rubber cylinder having a length to diameter ratio in the range from 1.1 to 1.5. <IMAGE>

IPC 1-7

**F28G 1/12**

IPC 8 full level

**B08B 9/04** (2006.01); **B08B 9/053** (2006.01); **F28G 1/12** (2006.01)

CPC (source: EP)

**B08B 9/0552** (2013.01); **B08B 9/0553** (2013.01); **F28G 1/12** (2013.01)

Citation (search report)

- [X] DE 2448608 A1 19760422 - OIL STATES RUBBER CO
- [Y] US 3403418 A 19681001 - KNAPP MARY M, et al
- [Y] US 3204274 A 19650907 - KNAPP MARY M
- [A] FR 2343979 A1 19771007 - KOPP IND PIPELINE SERVICE [DE]
- [A] DE 2059083 A1 19720622 - GIRARD HARRY J

Cited by

US5555585A; EP0542840A4

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FR GB IT

DOCDB simple family (publication)

**EP 0041699 A2 19811216**; **EP 0041699 A3 19820526**; DE 3021699 A1 19820128; DE 3021699 C2 19821014; JP S5726398 A 19820212

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