

Title (en)  
APPARATUS FOR TREATING INTERNAL TUBE SURFACES WITH LIQUIDS

Publication  
**EP 0326209 B1 19910911 (DE)**

Application  
**EP 89200107 A 19890119**

Priority  
DE 3802428 A 19880128

Abstract (en)  
[origin: US4887624A] To permit a uniform treatment of tubular members while avoiding pollution of the environment and preventing impairment of laborers, a treating container (1) is provided with supports (2) for the tubular members (3), also with nozzles (6) for connection to one end of each tubular member (3) and with lines (10) for supplying liquid to the nozzles. A cover (4), which is adapted to be swung up, is provided in the front longitudinal wall of the treating container (1) above the supports (2) for the tubes (3). An exhausting device (5), which extends throughout the length of the treating container (1), is provided in the upper portion of the treating container (1). Nozzles (6) for slidably receiving one end of each tubular member (3) are provided on the inside of a side wall (7) of the treating container (1).

IPC 1-7  
**C23G 3/04**

IPC 8 full level  
**B05B 13/06** (2006.01); **B05B 15/12** (2006.01); **B05B 16/00** (2018.01); **B08B 9/032** (2006.01); **C23G 3/04** (2006.01)

CPC (source: EP US)  
**B05B 13/06** (2013.01 - EP US); **B05B 16/00** (2018.01 - EP US); **C23G 3/04** (2013.01 - EP US)

Cited by  
DE10308731A1; DE10308731B4; WO9317804A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0326209 A1 19890802**; **EP 0326209 B1 19910911**; DE 3802428 A1 19890803; DE 58900263 D1 19911017; US 4887624 A 19891219

DOCDB simple family (application)  
**EP 89200107 A 19890119**; DE 3802428 A 19880128; DE 58900263 T 19890119; US 29790489 A 19890117