

Title (en)

DEVICE AND METHOD FOR BRUSH-CLEANING A TUBE

Title (de)

VORRICHTUNG UND VEFAHREN ZUR ROHRREINIGUNG DURCH BÜRSTEN

Title (fr)

DISPOSITIF ET PROCEDE POUR NETTOYER UN TUBE PAR BROSSAGE

Publication

EP 1349679 B1 20041117 (FR)

Application

EP 01947538 A 20010620

Priority

- FR 0101924 W 20010620
- FR 0016375 A 20001215

Abstract (en)

[origin: US2004025906A1] The device comprises a spray system (72, 74, 78, 80, 82, 84, 85, 86) for spraying a fluid (76) against the inside periphery of the tube (1) to be cleaned, and two analogous brushing assemblies (10, 20), each of which comprises brushing means (12, 22) and a propelling element which co-operates with the inside periphery of the tube (1). The device further comprises means (50, 30, 40) for moving axially the brushing assemblies towards each other and away from each other in alternation, which means comprise a chamber (58) connected to a feed for feeding in fluid (51) under pressure. Said spray system (72, 74, 78, 80, 82, 84, 85, 86) includes a reservoir (72) put under pressure by being connected to said chamber (58).

IPC 1-7

B08B 9/049

IPC 8 full level

B08B 9/04 (2006.01); **B08B 9/043** (2006.01)

CPC (source: EP US)

B08B 9/049 (2013.01 - EP US); **F41A 29/00** (2013.01 - EP US)

Cited by

DE102018129147A1; DE102018129147B4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2004025906 A1 20040212; US 7005012 B2 20060228; AT E282484 T1 20041215; AU 6920201 A 20020624; DE 60107294 D1 20041223; DE 60107294 T2 20051124; EP 1349679 A1 20031008; EP 1349679 B1 20041117; ES 2233658 T3 20050616; WO 0247834 A1 20020620

DOCDB simple family (application)

US 45029203 A 20030612; AT 01947538 T 20010620; AU 6920201 A 20010620; DE 60107294 T 20010620; EP 01947538 A 20010620; ES 01947538 T 20010620; FR 0101924 W 20010620