

Title (en)
INJECTOR AND FOAM GENERATION SYSTEM COMPRISING THE INJECTOR

Title (de)
INJEKTOR UND SCHAUMERZEUGUNGSSYSTEM MIT DIESEM INJEKTOR

Title (fr)
INJECTEUR ET SYSTEME DE PRODUCTION DE MOUSSE COMPRENANT LEDIT INJECTEUR

Publication
EP 1663533 B1 20110615 (DE)

Application
EP 04764450 A 20040825

Priority
• EP 2004009473 W 20040825
• DE 10342000 A 20030908

Abstract (en)
[origin: US2006234616A1] The invention relates to a method for generating a cleaning agent foam, in which a chemical is admixed with a cleaning liquid by means of an injector (22) and in addition air is admixed by means of a foaming nozzle (34). To develop the method in such a manner that an effective cleaning agent foam can be generated with a reduced proportion of chemical, according to the invention it is proposed that the cleaning liquid/chemical mixture is fed to the foaming nozzle (34) under a pressure of at least 30 bar. There are also proposed an injector (22) and a foam generation system (10) for carrying out the method.

IPC 8 full level
B08B 3/02 (2006.01); **B01F 5/04** (2006.01); **B08B 3/00** (2006.01)

CPC (source: EP US)
B01F 25/312 (2022.01 - EP US); **B01F 25/31242** (2022.01 - EP US); **B08B 3/003** (2013.01 - EP US); **B08B 3/026** (2013.01 - EP US)

Cited by
WO2015113593A1; EP3297764B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005028132 A1 20050331; AT E512729 T1 20110715; DE 10342000 A1 20050407; DK 1663533 T3 20110919; EP 1663533 A1 20060607; EP 1663533 B1 20110615; PL 1663533 T3 20111130; US 2006234616 A1 20061019

DOCDB simple family (application)
EP 2004009473 W 20040825; AT 04764450 T 20040825; DE 10342000 A 20030908; DK 04764450 T 20040825; EP 04764450 A 20040825; PL 04764450 T 20040825; US 37236006 A 20060308