Title (en)
Method and assembly for monitoring the splashing of walls using liquid jets during cleaning processes

Title (de)
Verfahren und Anordnung zur Überwachung der Beschwallung von Wandflächen mittels Flüssigkeitsstrahlen bei Reinigungsprozessen

Title (fr)
Procédé et installation destinés à la surveillance de sonorisation de surfaces murales à l'aide de rayonnements liquides pour processus de nettoyage

Publication
EP 1884289 A3 20120530 (DE)

Application
EP 07113155 A 20070725

Priority
DE 102006034882 A 20060725

Abstract (en)
[origin: DE102006034882B3] Method for monitoring flooding of wall surfaces by liquid jets during cleaning processes comprises subjecting the cleaning fluid hitting a selected partially surface with a high frequency electrical alternating field so that the molecules of the cleaning fluid experience a polarization, determining the temporary change of electrical alternating field and generating a signal, using the temporary change to monitor the flooding on the partial surface and generating a switching point for a digital starting signal for controlling the monitoring of the flooding. An independent claim is also included for an arrangement for monitoring the flooding of the inner surfaces of containers or tanks. Preferred Features: The high frequency alternating field is operated at 80-200 MHz, preferably at 90-140 MHz.

IPC 8 full level
B05B 3/02 (2006.01); **B08B 9/08** (2006.01); **B08B 9/093** (2006.01)

CPC (source: EP)
B08B 9/0936 (2013.01); B05B 3/02 (2013.01)

Citation (search report)
- [A] DE 19811421 A1 19990923 - ALFA LAVAL LKM A S [DK]
- [A] DE 102004052794 B3 20051006 - TUCHENHAGEN GMBH [DE]
- [A] EP 0603059 A1 19940622 - INST FRANCAIS DU PETROLE [FR]

Cited by
EP2540386A1; US10369602B2; WO2013000707A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006034882 B3 20071018; DK 1884289 T3 20131216; EP 1884289 A2 20080206; EP 1884289 A3 20120530; EP 1884289 B1 20130918

DOCDB simple family (application)
DE 102006034882 A 20060725; DK 07113155 T 20070725; EP 07113155 A 20070725