

Title (en)  
ASSEMBLY FOR THE ELECTRODYNAMIC FRAGMENTATION OF SAMPLES

Title (de)  
ANORDNUNG ZUR ELEKTRODYNAMISCHEN FRAGMENTIERUNG VON PROBEN

Title (fr)  
DISPOSITIF DE FRAGMENTATION ÉLECTRODYNAMIQUE D'ÉCHANTILLONS

Publication  
**EP 2136925 B1 20111221 (DE)**

Application  
**EP 07710803 A 20070316**

Priority  
CH 2007000144 W 20070316

Abstract (en)  
[origin: WO2008113189A1] The invention relates to a sample holder having an insulation body (10; 50) and a first electrode (3; 33) and a second electrode (4; 34), wherein the first electrode (3; 33) and the second electrode (4; 34) project into the sample container (2; 32), the first electrode (3; 33) and the second electrode (4; 34) are connected to each other via the insulation body (10; 50), the sample container (2; 32) is filled with a dielectric liquid (5; 35), and the first electrode (3; 33) is assigned to a gas collection chamber (6; 36). The invention further relates to an assembly for the electrodynamic fragmentation of samples (38), having such a sample container (2; 32), a process container (22; 41), and means (24, 27; 39, 39.1, 39.2, 40, 43) for connecting the first electrode (3; 33) and the second electrode (4; 34) of the sample container (2; 32) to a high voltage source (42), wherein the process container (22; 41) is filled with a dielectric liquid (46), and the sample container (2; 32) is arranged inside the process container (22; 41) in the dielectric liquid (46).

IPC 8 full level  
**B02C 19/18** (2006.01)

CPC (source: EP US)  
**B02C 19/18** (2013.01 - EP US); **B02C 2019/183** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 2008113189 A1 20080925**; AT E537903 T1 20120115; AU 2007349730 A1 20080925; AU 2007349730 B2 20110825; CA 2680667 A1 20080925; CA 2680667 C 20140311; DK 2136925 T3 20120416; EP 2136925 A1 20091230; EP 2136925 B1 20111221; ES 2378484 T3 20120413; JP 2010521682 A 20100624; JP 4914506 B2 20120411; RU 2009134499 A 20110320; RU 2422207 C2 20110627; US 2010025240 A1 20100204; US 8138952 B2 20120320

DOCDB simple family (application)  
**CH 2007000144 W 20070316**; AT 07710803 T 20070316; AU 2007349730 A 20070316; CA 2680667 A 20070316; DK 07710803 T 20070316; EP 07710803 A 20070316; ES 07710803 T 20070316; JP 2009553878 A 20070316; RU 2009134499 A 20070316; US 52527807 A 20070316