

Title (en)
LIQUID AERATOR

Title (de)
FLÜSSIGKEITSBEGASER

Title (fr)
DISPOSITIF D'INTRODUCTION DE GAZ DANS DES LIQUIDES

Publication
EP 2478084 A1 20120725 (DE)

Application
EP 10762591 A 20100904

Priority
• DE 102009042200 A 20090918
• EP 2010005442 W 20100904

Abstract (en)
[origin: WO2011032652A1] The invention relates to an aerator for introducing a gas or gas mixture into a liquid and to a method for aerating liquids. The aerator according to the invention comprises a cavity, a gas inlet for directing a gas into the cavity and two or more surfaces that are or can be pressed against one another in a form-fit such that a gas that is forced into the cavity by means of the gas inlet escapes through gaps that form between the compressed surfaces.

IPC 8 full level
C12M 1/08 (2006.01); **B01F 5/04** (2006.01)

CPC (source: EP US)
B01F 23/231142 (2022.01 - EP); **B01F 23/23121** (2022.01 - EP US); **B01F 23/23123** (2022.01 - EP); **B01F 23/231262** (2022.01 - EP); **B01F 23/231267** (2022.01 - EP); **C12M 29/06** (2013.01 - EP US); **B01F 23/231142** (2022.01 - US); **B01F 23/231232** (2022.01 - EP US); **B01F 23/231262** (2022.01 - US); **B01F 23/231267** (2022.01 - US); **Y10T 137/0329** (2015.04 - EP US)

Citation (search report)
See references of WO 2011032652A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011032652 A1 20110324; CN 102575212 A 20120711; DE 102009042200 A1 20110414; EP 2478084 A1 20120725; US 2012234394 A1 20120920

DOCDB simple family (application)
EP 2010005442 W 20100904; CN 201080041414 A 20100904; DE 102009042200 A 20090918; EP 10762591 A 20100904; US 201013395721 A 20100904