

Title (en)

METHOD AND DEVICE FOR PRODUCING LOW LYING FOG

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON BODENNEBEL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRODUCTION D'UNE NAPPE DE BROUILLARD AU SOL

Publication

EP 3328513 B1 20190619 (DE)

Application

EP 16777889 A 20160801

Priority

- AT 506922015 A 20150731
- AT 2016060023 W 20160801

Abstract (en)

[origin: WO2017020057A1] A method for producing low lying fog as a special effect, for example in stagecraft, comprises the step of enriching the fog that emerges from a fog machine with water. The fog is wetted with water, mixed and approximately saturated. For this purpose, finely atomized water having a droplet size of 2 μ to 10 μ can be used. A corresponding device comprises a mixing zone (6), in particular a mixing chamber (7, 13, 20) connected to the fog machine (1), and a fan (2, 11, 19) having a downstream atomizer (3, 12, 18), e.g. an ultrasonic atomizer for water. The fog is mixed with the enriched air stream, if necessary in a counter-current, and reaches the open air as a heavy low lying fog via a water separator (14) and possibly a cooling unit (17).

IPC 8 full level

A63J 5/02 (2006.01)

CPC (source: AT EA EP US)

A63J 5/025 (2013.01 - AT EA EP US); **B01F 23/21** (2022.01 - EA US); **B05B 17/0607** (2013.01 - EA US)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2017020057 A1 20170209; AT 517497 A1 20170215; CA 2994021 A1 20170202; CA 2994021 C 20230926; EA 035243 B1 20200520; EA 201890388 A1 20180831; EP 3328513 A1 20180606; EP 3328513 B1 20190619; ES 2746329 T3 20200305; SI 3328513 T1 20191129; US 2018221785 A1 20180809

DOCDB simple family (application)

AT 2016060023 W 20160801; AT 506922015 A 20150731; CA 2994021 A 20160801; EA 201890388 A 20160801; EP 16777889 A 20160801; ES 16777889 T 20160801; SI 201630396 T 20160801; US 201615748192 A 20160801