

Title (en)
WINE BOTTLE AERATOR

Title (de)
WEINFLASCHENBELÜFTER

Title (fr)
AÉRATEUR DE BOUTEILLE DE VIN

Publication
EP 3439772 A4 20191218 (EN)

Application
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Priority

- US 201615089582 A 20160403
- US 201615089584 A 20160403
- US 201615230716 A 20160808
- US 2017025668 W 20170403

Abstract (en)
[origin: WO2017176606A1] An aeration assembly for aerating liquids including wine and other alcoholic beverages includes an expansion chamber and an aerating device. The expansion chamber is configured to be in fluid communication with an inside of the uncorked and/or opened bottle when engaged by a bottom portion of the expansion chamber. The aerating device comprises a gas conduit having a proximal end in fluid communication with a distal end. The distal end is disposable below the bottom portion of the expansion chamber. A gas source is in fluid communication with the proximal end of the gas conduit. The expansion chamber is configured to temporarily contain an expansion of bubbles during an aeration process. The expansion chamber and aerating device are not permanently connected, wherein the aerating device can be fully removed from the expansion chamber before, during or after the aeration process.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

- [XY] GB 498536 A 19390110 - NIKOLAUS MEURER
- [XI] GB 399352 A 19331005 - NIKOLAUS MEURER
- [Y] US 2015343400 A1 20151203 - STEVENSON ROBERT A [US], et al
- [Y] US 2628828 A 19530217 - NICOLAUS MEURER
- [Y] US 8561970 B1 20131022 - MILLS STEPHEN B [US], et al
- [A] US 620963 A 18990314
- See references of WO 2017176606A1

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US11820638B2

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

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WO 2017176606 A1 20171012; AU 2017246214 A1 20181011; AU 2020203040 A1 20200528; AU 2020203040 B2 20220421; CA 3019150 A1 20171012; CA 3019150 C 20200707; CL 2018002815 A1 20190517; EP 3439772 A1 20190213; EP 3439772 A4 20191218; EP 3439772 B1 20210811; ES 2886674 T3 20211220

DOCDB simple family (application)
US 2017025668 W 20170403; AU 2017246214 A 20170403; AU 2020203040 A 20200507; CA 3019150 A 20170403; CL 2018002815 A 20181003; EP 17779580 A 20170403; ES 17779580 T 20170403