

Title (en)
COMPOUNDING DEVICE

Title (de)
COMPOUNDING-VORRICHTUNG

Title (fr)
DISPOSITIF DE MÉLANGEAGE

Publication
EP 3297597 B1 20190828 (EN)

Application
EP 16731392 A 20160519

Priority
• US 201514719936 A 20150522
• US 2016033318 W 20160519

Abstract (en)
[origin: WO2016191210A2] An exemplary compounding system and device for mixing materials from at least two distinct material sources can include a housing, a first fluid line operationally connected to the housing and configured to transport a first volume of fluid per unit time to a final container, a second fluid line operationally connected to the housing and configured to transport a second volume of fluid per unit time to the final container. The device can also include a pump system including, a first pump configured to move a first volume of fluid through a first fluid line, and a second pump configured to move a second volume of fluid through the second fluid line. The pump system can also be configured such that the volume of fluid per unit time delivered by the first and second pumps is different, and/or where the first and second pumps have different head characteristics.

IPC 8 full level
A61J 3/00 (2006.01)

CPC (source: EP)
A61J 3/002 (2013.01); **A61J 2200/70** (2013.01)

Citation (opposition)
Opponent : Fresenius Kabi Deutschland
• US 201514693867 A 20150423
• WO 2016172355 A1 20161027 - BRAUN MEDICAL INC [US]
• US 2016310363 A1 20161027 - KONRAD JR KARL [US], et al
• EP 0473240 A2 19920304 - BAXTER INT [US]
• US 2011002802 A1 20110106 - CAPONE CHRISTOPHER D [US], et al
• US 2013322201 A1 20131205 - HITCHCOCK JAMES R [US], et al
• WO 0139874 A1 20010607 - BAXTER INT [US]
• ANONYMOUS: "B. Braun to Launch the Only Macro and Micro Compounder with 26-lead preassembled sets", B. BRAUN NEWS, 17 March 2016 (2016-03-17), XP055701952, Retrieved from the Internet <URL:https://www.bbraunusa.com/en/company/newsroom/news/2016/1st-quarter-20161/b--braun-to-launch-the-only-macro-and-micro-compounder-with-26-l.html>
• B. BRAUN: "APEX of Performance. Compounding without compromise", B. BRAUN, 12 April 2016 (2016-04-12), XP055701957, Retrieved from the Internet <URL:https://www.bbraunusa.com>
• "Key Tech - Posts", FACEBOOK, 8 December 2015 (2015-12-08), Retrieved from the Internet <URL:https://www.facebook.com/keytechinc/photos/a.714875758618056.107374182.8.679315758840723/770626749709623/?type=3&theater>
• B. BRAUN: "APEX of Performance. Compounding without compromise", B. BRAUN, 13 May 2016 (2016-05-13), XP055701958, Retrieved from the Internet <URL:http://www.bbraunusa.com/apex.html?view=print&>
• FDA: "APEX Compounding System Transfer Set", FOOD AND DRUG ADMINISTRATION: REVIEW OF SECTION 510(K) PREMARKET NOTIFICATION, 25 August 2017 (2017-08-25), XP055703506, Retrieved from the Internet <URL:https://www.accessdata.fda.gov/cdrh_docs/pdf15/K151423.pdf>
• B. BRAUN MEDICAL INC.: "APEX® Compounding System Selecting and Installing the Transfer Set", YOUTUBE, 10 July 2019 (2019-07-10), XP054980547, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=vp0KJ9vhljo>
• B. BRAUN MEDICAL INC.: "APEX® Compounding System Pump Calibration", YOUTUBE, 6 February 2019 (2019-02-06), XP054980548, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=ZY_IsHB3vjE>
• ANONYMOUS: "APEX® Compounding System", B. BRAUN, 25 March 2020 (2020-03-25), XP055701965, Retrieved from the Internet <URL:https://www.bbraunusa.com/en/products-and-therapies/nutrition-therapy/pn-360/apex/apex-compounding-system.html>
• SIGNACMED: "Exacta Mix", YOUTUBE, 17 July 2012 (2012-07-17), XP054980538, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=zgQ7XPJxY4>

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 2016191210 A2 20161201; **WO 2016191210 A3 20161229**; EP 3297597 A2 20180328; EP 3297597 B1 20190828; ES 2754081 T3 20200415

DOCDB simple family (application)
US 2016033318 W 20160519; EP 16731392 A 20160519; ES 16731392 T 20160519