

Title (en)  
ARGININE GINGIPAIN INHIBITORS

Title (de)  
ARGININ-GINGIPAIN-INHIBITOREN

Title (fr)  
INHIBITEURS DE L'ARGININE-GINGIPAÏNE

Publication  
**EP 3941586 A1 20220126 (EN)**

Application  
**EP 20773768 A 20200320**

Priority

- US 201962821926 P 20190321
- US 2020023994 W 20200320

Abstract (en)  
[origin: WO2020191348A1] Therapeutics targeting the bacterium Porphyromonas gingivalis, including its proteases arginine gingipain A and arginine gingipain B, are disclosed, as well as the use thereof for the treatment of disorders associated with P. gingivalis infection, including brain disorders such as Alzheimer's disease. In certain embodiments, the invention provides compounds according to Formula I, Formula Ia, and Formula Ib, as described herein, and pharmaceutically acceptable salts thereof.

IPC 8 full level  
**A61P 31/04** (2006.01); **C07C 279/12** (2006.01); **C07D 277/64** (2006.01)

CPC (source: EP)  
**A61P 31/04** (2017.12); **C07C 279/12** (2013.01); **C07C 279/24** (2013.01); **C07C 279/28** (2013.01); **C07D 213/68** (2013.01); **C07D 213/82** (2013.01); **C07D 239/34** (2013.01); **C07D 261/12** (2013.01); **C07B 2200/07** (2013.01); **C07C 2601/08** (2017.04)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2020191348 A1 20200924**; CA 3134518 A1 20200924; CN 113825542 A 20211221; EP 3941586 A1 20220126; EP 3941586 A4 20230315; JP 2022526897 A 20220527

DOCDB simple family (application)  
**US 2020023994 W 20200320**; CA 3134518 A 20200320; CN 202080034237 A 20200320; EP 20773768 A 20200320; JP 2021556824 A 20200320