

Title (en)  
NOVEL DHAP SYNTHASE

Title (de)  
NEUARTIGE DHAP-SYNTHASE

Title (fr)  
NOUVELLE SYNTHASE DHAP

Publication  
**EP 3953465 A1 20220216 (EN)**

Application  
**EP 20716828 A 20200409**

Priority  
• LU 101172 A 20190410  
• DE 102019109423 A 20190410  
• EP 2020060260 W 20200409

Abstract (en)  
[origin: WO2020208191A1] The invention provides a mutated DHPA synthase that is less feedback-inhibited by phenylalanine than the wildtype enzyme and useful in the biotechnological production of aromatic amino acids like tryptophan.

IPC 8 full level  
**C12N 15/10** (2006.01)

CPC (source: EP)  
**C12N 9/1085** (2013.01); **C12N 15/70** (2013.01); **C12Y 205/01054** (2013.01); **C12N 2310/20** (2017.04)

Citation (search report)  
See references of WO 2020208191A1

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 2020208191 A1 20201015**; CN 113677795 A 20211119; CN 113677795 B 20240423; EP 3953465 A1 20220216

DOCDB simple family (application)  
**EP 2020060260 W 20200409**; CN 202080027938 A 20200409; EP 20716828 A 20200409