

Title (en)

TRANSGENIC INSECT AND USE OF SAME IN METHODS FOR TESTING NATURAL OR SYNTHETIC SUBSTANCES

Title (de)

TRANSGENES INSEKT UND DESSEN VERWENDUNG IN VERFAHREN ZUR TESTUNG VON NATÜRLICHEN ODER SYNTHETISCHEN SUBSTANZEN

Title (fr)

INSECTE TRANSGÉNIQUE ET SON UTILISATION DANS DES PROCÉDÉS POUR TESTER DES SUBSTANCES NATURELLES OU SYNTHÉTIQUES

Publication

**EP 3706560 A1 20200916 (DE)**

Application

**EP 18804246 A 20181106**

Priority

- DE 102017219981 A 20171109
- EP 2018080307 W 20181106

Abstract (en)

[origin: WO2019091966A1] The present invention relates to a transgenic insect, the genome of which has at least one first exogenic DNA sequence, which is coded for a human membrane transporter protein, wherein the expression of the first exogenic DNA sequence leads to a functional human membrane transporter protein in the transgenic insect. The invention further relates to uses of the transgenic insect and methods for testing natural or synthetic substances using the transgenic insect.

IPC 8 full level

**A01K 67/033** (2006.01); **C07K 14/705** (2006.01)

CPC (source: EP US)

**A01K 67/0339** (2013.01 - EP US); **C07K 14/705** (2013.01 - EP US); **A01K 2217/05** (2013.01 - EP US); **A01K 2227/06** (2013.01 - EP US); **A01K 2267/01** (2013.01 - EP US)

Citation (search report)

See references of WO 2019091966A1

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)

**DE 102017219981 A1 20190509**; EP 3706560 A1 20200916; US 2020260700 A1 20200820; WO 2019091966 A1 20190516

DOCDB simple family (application)

**DE 102017219981 A 20171109**; EP 18804246 A 20181106; EP 2018080307 W 20181106; US 201816756589 A 20181106