

Title (en)  
PHYTOSANITARY COMPOSITION COMPRISING ULVANS AND SILICON

Title (de)  
PHYTOSANITÄRE ZUSAMMENSETZUNG MIT ULVANEN UND SILICIUM

Title (fr)  
COMPOSITION PHYTOSANITAIRE COMPRENANT DES ULVANES ET DU SILICIUM

Publication  
**EP 4117439 A1 20230118 (FR)**

Application  
**EP 21716493 A 20210312**

Priority  
• FR 2002511 A 20200313  
• FR 2021050420 W 20210312

Abstract (en)  
[origin: CA3170942A1] The invention relates to a phytosanitary composition comprising (i) ulvans and/or oligosaccharides derived from ulvans, for example, in the form of an extract containing ulvans and/or oligosaccharides derived from ulvans; and (ii) silicon, the use of the composition for activating the defence reactions of a plant and resistance reactions against biotic constraints and a process for activating the defence reactions of a plant and resistance reactions against biotic constraints, comprising the application to the plant of an effective quantity of the phytosanitary composition.

IPC 8 full level  
**A01N 59/00** (2006.01); **A01N 43/16** (2006.01); **A01N 65/03** (2009.01); **A01P 21/00** (2006.01)

CPC (source: EP US)  
**A01N 43/16** (2013.01 - US); **A01N 59/00** (2013.01 - EP US); **A01N 65/03** (2013.01 - US)

C-Set (source: EP)  
**A01N 59/00 + A01N 43/16 + A01N 65/03**

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**FR 3108014 A1 20210917; FR 3108014 B1 20241025**; AR 121556 A1 20220615; BR 112022017938 A2 20221018; CA 3170942 A1 20210916; EP 4117439 A1 20230118; US 2023148325 A1 20230511; WO 2021181051 A1 20210916; ZA 202210029 B 20240131

DOCDB simple family (application)  
**FR 2002511 A 20200313**; AR P210100624 A 20210312; BR 112022017938 A 20210312; CA 3170942 A 20210312; EP 21716493 A 20210312; FR 2021050420 W 20210312; US 202117910934 A 20210312; ZA 202210029 A 20220908