

Title (en)
ENCAPSULATED PESTICIDE

Title (de)
VERKAPSELTES PESTIZID

Title (fr)
PESTICIDE ENCAPSULÉ

Publication
EP 3648598 A1 20200513 (EN)

Application
EP 18753450 A 20180703

Priority
• GB 201710736 A 20170704
• GB 2018051864 W 20180703

Abstract (en)
[origin: WO2019008341A1] A method for producing an encapsulated pesticide includes the steps of (a) providing a mixture of a pesticide (such as glyphosate) and at least one polysaccharide in either (i) an organic solvent or(ii) in aqueous solution, (b) combining the mixture of step (a) with water in the case of (i) or an oil in the case of (ii) and stirring to create an emulsion of said mixture, (c) adding to said emulsion a salt (such as calcium chloride) in powder form, which salt is formed of a cation which reacts with said polysaccharide to produce a water-insoluble reactant, and (d) stirring the product of step (c) in order to produce particles of pesticide encapsulated in said water-insoluble reactant.

IPC 8 full level
A01N 25/28 (2006.01); **A01N 43/40** (2006.01); **A01N 57/20** (2006.01)

CPC (source: EP)
A01N 25/28 (2013.01); **A01N 43/40** (2013.01); **A01N 57/20** (2013.01)

Citation (search report)
See references of WO 2019008341A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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