Title (en)

METHODS, ARTICLES AND SYSTEMS FOR DELIVERING SUPERABSORBENT POLYMERS IN AGRICULTURAL SETTINGS

Title (de)

VERFAHREN, ARTIKEL UND SYSTEME ZUR FREISETZUNG SUPERSAUGFÄHIGER POLYMERE IN LANDWIRTSCHAFTLICHER UMGEBUNG

Title (fr)

PROCÉDÉS, ARTICLES ET SYSTÈMES POUR DISTRIBUER DES POLYMÈRES SUPERABSORBANTS DANS DES CONTEXTES AGRICOLES

Publication

EP 1973954 A4 20100526 (EN)

Application

EP 07716719 A 20070117

Priority

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- US 33361906 A 20060117
- US 33313006 A 20060117
- US 33312906 A 20060117

Abstract (en)

[origin: WO2007084550A2] Methods, articles, systems and compositions for delivering and administering superabsorbent polymer ("SAP") products in agricultural applications is disclosed. In one embodiment, the delivery system comprises a horticulture mat that may include two cellulose substrate sheets bonded together with SAP particles disposed between the sheets. In another embodiment, a delivery article comprises a porous, biodegradable packet containing SAP particles. In yet another embodiment, a delivery article is described dispensing a SAP hydrogel. In a further embodiment, root dip composition and methods of delivery a SAP hydrogel to a plant are described.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- See references of WO 2007084550A2

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DOCDB simple family (publication)

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