

Title (en)

MICRONEEDLE SYSTEM FOR APPLYING A HEPATITIS VACCINE

Title (de)

MIKRONADELSYSTEM ZUR APPLIKATION EINES HEPATITIS-IMPFSTOFFES

Title (fr)

SYSTÈME DE MICROAIGUILLES POUR L'APPLICATION D'UN VACCIN CONTRE L'HÉPATITE

Publication

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Application

EP 18811721 A 20181112

Priority

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- EP 2018080986 W 20181112

Abstract (en)

[origin: WO2019092257A1] The invention relates to a microneedle system (MNS) for intradermal application of a hepatitis vaccine, namely the HBsAg antigen.

IPC 8 full level

A61K 39/29 (2006.01); **A61K 9/00** (2006.01); **A61K 39/12** (2006.01); **A61P 31/20** (2006.01)

CPC (source: EP KR US)

A61K 9/0021 (2013.01 - EP KR); **A61K 39/12** (2013.01 - EP); **A61K 39/29** (2013.01 - US); **A61K 39/292** (2013.01 - EP KR); **A61K 47/10** (2013.01 - EP KR US); **A61K 47/26** (2013.01 - EP KR US); **A61K 47/32** (2013.01 - EP KR US); **A61M 37/0015** (2013.01 - US); **A61P 31/20** (2018.01 - EP KR); **A61K 9/0021** (2013.01 - US); **A61K 2039/54** (2013.01 - KR); **A61M 2037/0023** (2013.01 - US); **A61M 2037/003** (2013.01 - US); **A61M 2202/30** (2013.01 - US); **C12N 2730/10134** (2013.01 - EP)

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WO 2019092257 A1 20190516; AU 2018365396 A1 20200514; BR 112020007980 A2 20201020; CA 3082197 A1 20190516; CN 111315410 A 20200619; DE 102017126501 A1 20190516; EP 3706792 A1 20200916; JP 2021502353 A 20210128; JP 2023169415 A 20231129; KR 20200087187 A 20200720; MX 2020004868 A 20200813; RU 2020116222 A 20211118; RU 2020116222 A3 20220323; US 2021369839 A1 20211202

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