

Title (en)
MICRONEEDLE-BASED TRANSDERMAL DELIVERY SYSTEM AND METHOD OF MAKING SAME

Title (de)
AUF MIKRONADELN BASIERENDES TRANSDERMALES ABGABESYSTEM UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
SYSTÈME D'ADMINISTRATION TRANSDERMIQUE À BASE DE MICRO-AIGUILLES ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3538116 A1 20190918 (EN)

Application
EP 17869270 A 20171113

Priority
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• US 2017061353 W 20171113

Abstract (en)
[origin: WO2018089918A1] A transdermal delivery system of microneedles containing a bioactive material, comprising at least one layer of a support material; at least one biodegradable needle associated with the support material, each needle comprising at least one biodegradable polymer and at least one sugar, wherein each biodegradable needle is hollow and is adapted to retain a bioactive material.

IPC 8 full level
A61K 35/39 (2015.01); **A61K 9/00** (2006.01); **A61K 39/095** (2006.01); **A61K 39/12** (2006.01); **B29C 41/04** (2006.01); **C12N 7/00** (2006.01)

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A61K 9/0021 (2013.01); **A61K 39/095** (2013.01); **A61K 39/12** (2013.01); **A61K 39/4615** (2023.05); **A61K 39/4622** (2023.05); **A61K 39/4644** (2023.05); **A61K 39/464824** (2023.05); **A61P 31/04** (2017.12); **A61P 35/00** (2017.12); **B29C 39/021** (2013.01); **B29C 39/123** (2013.01); **A61K 2039/5252** (2013.01); **A61K 2039/54** (2013.01); **A61K 2039/541** (2013.01); **A61K 2039/545** (2013.01); **A61K 2039/55505** (2013.01); **A61K 2039/55566** (2013.01); **A61K 2039/55572** (2013.01); **A61K 2239/31** (2023.05); **A61K 2239/49** (2023.05); **B29L 2031/7544** (2013.01); **B29L 2031/756** (2013.01); **C12N 2710/20034** (2013.01); **C12N 2710/20071** (2013.01); **C12N 2760/16134** (2013.01); **C12N 2760/16171** (2013.01); **C12N 2760/18523** (2013.01); **C12N 2760/18534** (2013.01); **C12N 2760/18571** (2013.01)

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