

Title (en)  
APPLICATOR SYSTEM CONTAINING A MICRONEEDLE ARRAY WHICH COMPRISES AN ACTIVE INGREDIENT FOR WOUND HEALING

Title (de)  
APPLIKATORSYSTEM ENTHALTEND EIN MIKRONADELARRAY AUFWEISEND EINEN WIRKSTOFF FÜR DIE WUNDHEILUNG

Title (fr)  
SYSTÈME D'APPLICATION CONTENANT UNE MATRICE DE MICRO-AIGUILLES PRÉSENTANT UN PRINCIPE ACTIF POUR LA CICATRISATION

Publication  
**EP 3661586 A1 20200610 (DE)**

Application  
**EP 18759262 A 20180804**

Priority  
• DE 102017117784 A 20170804  
• EP 2018071209 W 20180804

Abstract (en)  
[origin: WO2019025625A1] The invention relates to an applicator system containing a microneedle array and the use thereof for intradermal application of active ingredients, in particular drugs, said microneedle array being suitable for the penetration of human or animal skin and comprising at least one active ingredient for wound healing.

IPC 8 full level  
**A61M 37/00** (2006.01); **A61K 9/00** (2006.01)

CPC (source: EP KR US)  
**A61K 9/0021** (2013.01 - EP KR US); **A61M 37/0015** (2013.01 - EP KR US); **A61K 31/164** (2013.01 - US); **A61K 31/17** (2013.01 - US); **A61K 31/728** (2013.01 - US); **A61K 36/63** (2013.01 - US); **A61K 36/886** (2013.01 - US); **A61K 38/39** (2013.01 - US); **A61M 2037/0023** (2013.01 - EP KR US); **A61M 2037/0046** (2013.01 - KR); **A61M 2037/0061** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2019025625A1

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

DOCDB simple family (publication)  
**WO 2019025625 A1 20190207**; AU 2018311234 A1 20200319; BR 112020001778 A2 20200721; CA 3071052 A1 20190207; CN 111212674 A 20200529; DE 102017117784 A1 20190207; EP 3661586 A1 20200610; JP 2020529269 A 20201008; JP 2023130489 A 20230920; KR 20200037834 A 20200409; MX 2020001310 A 20200320; RU 2020108160 A 20210907; RU 2020108160 A3 20211102; US 2020188649 A1 20200618

DOCDB simple family (application)  
**EP 2018071209 W 20180804**; AU 2018311234 A 20180804; BR 112020001778 A 20180804; CA 3071052 A 20180804; CN 201880061841 A 20180804; DE 102017117784 A 20170804; EP 18759262 A 20180804; JP 2020505845 A 20180804; JP 2023115624 A 20230714; KR 20207006098 A 20180804; MX 2020001310 A 20180804; RU 2020108160 A 20180804; US 201816634592 A 20180804