

Title (en)
PERMEABILIZING BIOFILMS

Title (de)
PERMEABILISIERUNG VON BIOFILMEN

Title (fr)
PERMEABILISATION DE BIOFILMS

Publication
EP 1210182 A1 20020605 (EN)

Application
EP 00946762 A 20000512

Priority
• US 0013231 W 20000512
• US 13373099 P 19990512

Abstract (en)
[origin: WO0067917A1] Methods for permeabilizing biofilms using stress waves are described. The methods involve applying one or more stress waves to a biofilm, e.g., on a surface of a device or food item, or on a tissue surface in a patient, and then inducing stress waves to create transient increases in the permeability of the biofilm. The increased permeability facilitates delivery of compounds, such as antimicrobial or therapeutic agents into and through the biofilm.

IPC 1-7
B05D 3/06; **B05D 5/04**

IPC 8 full level
A61K 6/00 (2006.01); **A61K 8/00** (2006.01); **A61K 9/00** (2006.01); **A61K 31/4164** (2006.01); **A61K 31/5415** (2006.01); **A61K 41/00** (2006.01); **A61K 47/12** (2006.01); **A61M 31/00** (2006.01); **A61N 5/06** (2006.01); **A61P 1/02** (2006.01); **A61P 31/04** (2006.01); **A61Q 11/00** (2006.01); **B01J 19/12** (2006.01)

CPC (source: EP)
A61M 31/002 (2013.01); **A61P 1/02** (2017.12); **A61P 31/04** (2017.12); **A61M 2037/0007** (2013.01)

Citation (search report)
See references of WO 0067917A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0067917 A1 20001116; CA 2373447 A1 20001116; EP 1210182 A1 20020605; JP 2003534235 A 20031118

DOCDB simple family (application)
US 0013231 W 20000512; CA 2373447 A 20000512; EP 00946762 A 20000512; JP 2000616934 A 20000512