

Title (en)  
MASS SPECTROMETRY OF COLONIZATION FACTORS

Title (de)  
MASSENSPEKTROMETRIE VON KOLONIEFAKTOREN

Title (fr)  
SPECTROSCOPIE DE MASSE DE FACTEURS DE COLONISATION

Publication  
**EP 0981368 A4 20030102 (EN)**

Application  
**EP 98920064 A 19980501**

Priority  
• US 9808768 W 19980501  
• US 4551197 P 19970502

Abstract (en)  
[origin: WO9850068A1] This invention relates to the use of mass spectrometry for identifying specific colonization factors, such as fimbriae, fibrillae or pili, in a sample of Escherichia coli. The sample is dissolved in 1,1,1,3,3,3-hexafluoro-2-propanol prior to mass spectrometry analysis. This method is useful for tracking infections by differentially identifying the colonization factors produced by specific organisms.

IPC 1-7  
**A61K 39/00**; **A61K 39/38**; **A61K 39/02**; **A61K 39/108**; **A23J 1/00**; **C07K 1/00**; **C07K 14/00**; **C07K 16/00**; **C07K 17/00**; **C12Q 1/04**

IPC 8 full level  
**G01N 33/483** (2006.01); **C07K 1/14** (2006.01); **C07K 14/245** (2006.01)

CPC (source: EP)  
**C07K 1/14** (2013.01); **C07K 14/245** (2013.01)

Citation (search report)  
• [A] EP 0662517 A1 19950712 - INBIOMED INTERNATIONAL [FR]  
• [A] DATABASE WPI Section Ch Week 199018, Derwent World Patents Index; Class B04, AN 1990-137766, XP002219865  
• See references of WO 9850068A1

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

DOCDB simple family (publication)  
**WO 9850068 A1 19981112**; **WO 9850068 A9 19990325**; CA 2298458 A1 19981112; EP 0981368 A1 20000301; EP 0981368 A4 20030102; JP 2002500758 A 20020108

DOCDB simple family (application)  
**US 9808768 W 19980501**; CA 2298458 A 19980501; EP 98920064 A 19980501; JP 54821998 A 19980501