

Title (en)  
LACTAM COMPOSITION AND USE

Title (de)  
LACTAMZUSAMMENSETZUNG UND VERWENDUNG

Title (fr)  
COMPOSITION DE LACTAME ET UTILISATION

Publication  
**EP 4258868 A1 20231018 (EN)**

Application  
**EP 21802747 A 20211105**

Priority  
• EP 20212740 A 20201209  
• EP 2021080767 W 20211105

Abstract (en)  
[origin: WO2022122265A1] The invention relates to a composition comprising: (a) from 0.0001 to 5 wt.% of a lactam; and, (b) 1 to 80 wt.%, of a solvent; wherein the composition has a pH of from 4 to 6.50; wherein the lactam is selected from the formulae. The invention also relates to a method of treatment of a surface, to improve resistance of said surface to bacterial fouling; and also to the use in a lactam composition, of a combination of a solvent and application of pH at from 4 to 6.50 to said composition, to improve the solubility and stability of said lactam in the composition.

IPC 8 full level  
**A01N 25/02** (2006.01); **A01N 43/36** (2006.01); **A01P 1/00** (2006.01)

CPC (source: EP)  
**A01N 25/02** (2013.01); **A01N 43/36** (2013.01); **A01P 1/00** (2021.08)

Citation (search report)  
See references of WO 2022122265A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022122265 A1 20220616**; CN 116648138 A 20230825; EP 4258868 A1 20231018

DOCDB simple family (application)  
**EP 2021080767 W 20211105**; CN 202180081479 A 20211105; EP 21802747 A 20211105