

Title (en)

USE OF XYLANASE IN A DISHWASHING PROCESS

Title (de)

VERWENDUNG VON XYLANASE IN EINEM GESCHIRRSPÜLVERFAHREN

Title (fr)

UTILISATION DE XYLANASE DANS UN PROCESSUS DE LAVAGE DE VAISSELLE

Publication

EP 4286500 A1 20231206 (EN)

Application

EP 22176762 A 20220601

Priority

EP 22176762 A 20220601

Abstract (en)

The present invention relates to the use of a xylanase to remove burnt on, baked on soil from soiled dishware during a dishwashing process.

IPC 8 full level

C11D 3/386 (2006.01); C11D 11/00 (2006.01)

CPC (source: EP)

C11D 3/38636 (2013.01); C11D 2111/14 (2024.01)

Citation (applicant)

- WO 2008010925 A2 20080124 - DANISCO US INC GENENCOR DIV [US], et al
- US 7153818 B2 20061226 - BREVES ROLAND [DE], et al
- WO 9700324 A1 19970103 - KAO CORP [JP], et al
- EP 1022334 A2 20000726 - KAO CORP [JP]
- US 5856164 A 19990105 - OUTTRUP HELLE [DK], et al
- WO 9923211 A1 19990514 - NOVO NORDISK AS [DK]
- WO 9623873 A1 19960808 - NOVO NORDISK AS [DK], et al
- WO 0060060 A2 20001012 - NOVO NORDISK AS [DK]
- WO 2006002643 A2 20060112 - NOVOZYMES AS [DK], et al
- US 6093 A 18490206
- US 562 A 18380109
- WO 2019081910 A1 20190502 - SELDEN RES LTD [GB]
- THOMPSON ET AL., NUCLEIC ACIDS RES., vol. 22, 1994, pages 4673 - 4680

Citation (search report)

- [Y] WO 9839403 A1 19980911 - PROCTER & GAMBLE [US], et al
- [Y] WO 9613568 A1 19960509 - PROCTER & GAMBLE [US], et al
- [Y] WO 2015144782 A1 20151001 - NOVOZYMES AS [DK]
- [Y] WO 2016126580 A1 20160811 - PROCTER & GAMBLE [US]
- [Y] WO 2018118745 A1 20180628 - PROCTER & GAMBLE [US]
- [Y] WO 0046333 A1 20000810 - PROCTER & GAMBLE [US], et al
- [Y] EP 3444343 A1 20190220 - DUPONT NUTRITION BIOSCI APS [DK]

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)

EP 4286500 A1 20231206

DOCDB simple family (application)

EP 22176762 A 20220601