

Title (en)
AMYLASE-CONTAINING DETERGENT COMPOSITIONS

Title (de)
AMYLASEHALTIGE WASCHMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITIONS DE DETERGENT CONTENANT UNE AMYLASE

Publication
EP 0756619 A4 19970402 (EN)

Application
EP 95916433 A 19950417

Priority

- EP 95916433 A 19950417
- EP 94302878 A 19940422
- US 9504710 W 19950417

Abstract (en)
[origin: WO9529224A1] A detergent composition comprising an amylase enzyme which shows CMC_{case} activity and/or is an amylase showing a positive immunological cross reaction with the antibody of the Fungamyl3 amylase, or an amylase produced by a host organism in which the gene encoding the Fungamyl3 has been cloned.

IPC 1-7
C11D 3/386; **C12N 9/30**

IPC 8 full level
C11D 1/83 (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C12N 9/30** (2006.01); **C11D 1/14** (2006.01); **C11D 1/29** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01)

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C11D 1/83 (2013.01); **C11D 3/386** (2013.01); **C11D 3/3917** (2013.01); **C11D 3/393** (2013.01); **C11D 1/146** (2013.01); **C11D 1/29** (2013.01); **C11D 1/662** (2013.01); **C11D 1/72** (2013.01)

Citation (search report)

- [XY] WO 9402597 A1 19940203 - NOVO NORDISK AS [DK], et al
- [Y] DE 4116701 A1 19920206 - MITSUBISHI GAS CHEMICAL CO [JP], et al
- [A] WO 9320175 A1 19931014 - NOVO NORDISK AS [DK], et al
- [A] WO 9205239 A1 19920402 - NOVO NORDISK AS [DK]
- [A] WO 8605187 A1 19860912 - STALEY MFG CO A E [US]
- See references of WO 9529224A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 9529224 A1 19951102; AU 2293595 A 19951116; BR 9507397 A 19971007; CA 2188403 A1 19951102; CN 1151177 A 19970604; EP 0756619 A1 19970205; EP 0756619 A4 19970402; JP H10501825 A 19980217; MA 23526 A1 19951231

DOCDB simple family (application)
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