

Title (en)  
ENZYME GRANULATE

Title (de)  
ENZYMGRANULAT

Title (fr)  
GRANULE D'ENZYME

Publication  
**EP 1042442 A1 20001011 (DE)**

Application  
**EP 98963563 A 19981211**

Priority  
• DE 19757215 A 19971222  
• EP 9808088 W 19981211

Abstract (en)  
[origin: DE19757215A1] Enzyme granules for incorporation into detergents, especially particulate detergents, comprise enzymes, organic and/or inorganic carriers and granulating aids and contain more than 60 wt.% builders and/or surfactants. Also claimed is a process for producing enzyme granules with a particle size of 0.3-3 mm, comprising mixing an aqueous enzyme-containing liquid with an additive mixture comprising carriers and optionally granulating aids and containing more than 60 wt.% builders and/or surfactants and shaping the mixture under compression.

IPC 1-7  
**C11D 3/386**; **C11D 3/12**; **C11D 3/22**

IPC 8 full level  
**C12N 9/48** (2006.01); **C11D 3/12** (2006.01); **C11D 3/22** (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP)  
**C11D 3/38672** (2013.01)

Citation (search report)  
See references of WO 9932593A1

Designated contracting state (EPC)  
AT BE DE DK ES FR GB IT NL

DOCDB simple family (publication)  
**DE 19757215 A1 19990624**; EP 1042442 A1 20001011; JP 2001527127 A 20011225; WO 9932593 A1 19990701

DOCDB simple family (application)  
**DE 19757215 A 19971222**; EP 9808088 W 19981211; EP 98963563 A 19981211; JP 2000525516 A 19981211