

Title (en)  
TREATMENT OF CORK WITH A PHENOL OXIDISING ENZYME

Title (de)  
BEHANDLUNG VON KORK MIT EINEM PHENOL-OXIDIERENDEM ENZYM

Title (fr)  
TRAITEMENT DU LIEGE AVEC UNE ENZYME D'OXYDATION DE PHENOL

Publication  
**EP 1077796 B1 20030702 (EN)**

Application  
**EP 99914448 A 19990422**

Priority  
• DK 9900226 W 19990422  
• DK 65698 A 19980513  
• DK PA199900153 A 19990205

Abstract (en)  
[origin: WO9958309A1] A process for preparing cork articles, in particular cork stoppers for wine bottles, which comprises a step of treating cork with a phenol oxidising enzyme. Preferred phenol oxidising enzymes are laccase, peroxidase, catechol oxidase, o-aminophenol oxidase. The treatment with a phenol oxidising enzyme reduces the characteristic cork taint/astringency which is frequently imparted to the bottled wine.

IPC 1-7  
**B27K 7/00**

IPC 8 full level  
**B27K 7/00** (2006.01); **B67B 1/03** (2006.01)

CPC (source: EP)  
**B27K 3/002** (2013.01); **B27K 5/04** (2013.01); **B27K 7/00** (2013.01); **B67B 1/03** (2013.01)

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

DOCDB simple family (publication)  
**WO 9958309 A1 19991118**; AR 013287 A1 20001213; AT E244116 T1 20030715; AU 3327299 A 19991129; AU 753129 B2 20021010; DE 69909286 D1 20030807; EP 1077796 A1 20010228; EP 1077796 B1 20030702; ES 2203104 T3 20040401; NZ 508070 A 20020628; PT 1077796 E 20031128

DOCDB simple family (application)  
**DK 9900226 W 19990422**; AR P990101880 A 19990423; AT 99914448 T 19990422; AU 3327299 A 19990422; DE 69909286 T 19990422; EP 99914448 A 19990422; ES 99914448 T 19990422; NZ 50807099 A 19990422; PT 99914448 T 19990422