

Title (en)  
Cork impregnation procedure and installation for putting it into practice

Title (de)  
Verfahren und Gerät zum Imprägnieren von Korken

Title (fr)  
Procédé et appareil pour imprégner des lièges

Publication  
**EP 1693172 A1 20060823 (EN)**

Application  
**EP 06075358 A 20060216**

Priority  
ES 200500351 A 20050217

Abstract (en)  
The procedure includes one or more cycles, each comprising at least one of the following steps: placing the cork inside a container (6) with walls having perforations or apertures, said container (6) being located inside a sealable tank (1); closing said tank (1) and generating a controlled vacuum environment therein; rotating said container (6); and providing a liquid by spraying it on said cork from a pipe (36) having spraying nozzles (37) under a controlled jet pressure. The installation comprises a tank (1) housing said container (6), means for rotating the container (6) in a controlled manner, means for generating a vacuum in the tank (1), means for providing heat energy and means for providing a liquid on the cork.

IPC 8 full level  
**B27K 7/00** (2006.01); **B27K 3/10** (2006.01)

CPC (source: EP ES)  
**B27K 3/0228** (2013.01 - EP); **B27K 3/10** (2013.01 - EP); **B27K 7/00** (2013.01 - EP ES)

Citation (search report)

- [XY] FR 2685315 A1 19930625 - PRETEUX BOURGEOIS [FR], et al
- [Y] GB 191110737 A 19120404 - LOWMAN JOHN [GB]
- [XA] FR 2639282 A1 19900525 - EGBA SA [ES]
- [Y] US 2147987 A 19390221 - MARTIN MUELLER JUAN
- [Y] US 3759217 A 19730918 - WIEGMANN K
- [Y] GB 2015601 A 19790912 - CUPRINOL LTD

Cited by  
ITMN20100013A1; ES2684394A1; CN112518932A; CN115958670A; KR101471974B1

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