

Title (en)

Production method of columnar cork and molding apparatus for producing columnar cork

Title (de)

Verfahren zur Herstellung von säulenförmigen Kork und Formvorrichtung zur Herstellung von säulenförmigen Kork

Title (fr)

Procédé de fabrication de bouchon de type colonne et appareil de moulage pour sa fabrication

Publication

EP 2179828 B1 20150311 (EN)

Application

EP 09173571 A 20091021

Priority

JP 2008272727 A 20081023

Abstract (en)

[origin: EP2179828A1] A columnar cork (1) made through compression molding process of a lot of cork granules (1a) mixed with binder resin (1b). The cork (1) is made by being compressed in a direction normal to its longitudinal direction (L) in the compression molding process. The columnar cork (1) is produced by kneading cork granules (1a) and binder resin (1b) to make a kneaded mixture (10); charging the mixture (10) into a molding cavity (30) which is formed by a plurality of divided mold dies (31-34) on a molding base (21) surrounding the molding cavity (30); and compressing and molding the mixture (10) to form a columnar structure (10A) by sliding the plurality of divided mold dies (31-34) in such a direction to narrow down the molding cavity (30) on the molding base (21), thereby solidifying the cork granules (1a) with the binder resin (1b).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN109016060A; EP2883809A1; US9072629B2; US9072628B2; US10703026B2; US9078787B2

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