

Title (en)  
Woods in permanent contact with soil or water

Title (de)  
Hölzer in dauerndem Boden- oder Wasserkontakt

Title (fr)  
Bois au contact permanent d'eau ou du sol

Publication  
**EP 2574435 A3 20130605 (DE)**

Application  
**EP 12183952 A 20120911**

Priority  
• DE 102011114472 A 20110928  
• DE 102012201363 A 20120131

Abstract (en)  
[origin: EP2574435A2] The method involves enclosing an oxygen-consuming composition (4b) by an air-tight device (6). A planar formation (4a) contains a metal and encloses the timber (1). The metal has oxygen-consuming properties and is selected from aluminum, iron, magnesium, zinc, silver, and alloys. The metal is attached to earth- or air area (8a) or water- or air area (8b) of timber. The oxygen-consuming composition is provided in the form of paste or coating or carrier matrix and has metal powder, sulfur or sulfides such as iron sulfide and an organic antioxidant. Independent claims are included for the following: (1) a method for preventing the escape of copper ions from copper-impregnated timber in permanent soil- or water contact; and (2) a device for preventing the escape of copper ions from copper-impregnated timber in permanent soil- or water contact.

IPC 8 full level  
**B27K 3/12** (2006.01); **B27K 3/02** (2006.01); **B27K 3/14** (2006.01); **B27K 5/00** (2006.01); **E04H 12/04** (2006.01); **E04H 12/22** (2006.01); **B05D 7/06** (2006.01)

CPC (source: EP)  
**B27K 3/0278** (2013.01); **B27K 3/12** (2013.01); **B27K 3/14** (2013.01); **B27K 5/0095** (2013.01); **E04H 12/2292** (2013.01)

Citation (search report)  
• [X1] WO 2010009756 A1 20100128 - WOLMAN GMBH DR [DE], et al  
• [X1] DE 3918069 A1 19901206 - KABELMETAL ELECTRO GMBH [DE]  
• [X1] WO 2007134835 A1 20071129 - HOLZINDUSTRIE FUERST ZU FUERST [DE], et al  
• [X1] US 2011056170 A1 20110310 - LOWE HARRY [CA]

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DE102018003341A1; WO2019206930A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2574435 A2 20130403; EP 2574435 A3 20130605; DE 202012012862 U1 20140214**

DOCDB simple family (application)  
**EP 12183952 A 20120911; DE 202012012862 U 20120911**