

## Title (en)

METHOD FOR PRODUCING A FUNCTIONAL LAYER OF A BUILDING SHELL, AND BUILDING SHELL AND FUNCTIONAL LAYER

## Title (de)

VERFAHREN ZUM HERSTELLEN EINER FUNKTIONSSCHICHT EINER GEBÄUDEHÜLLE SOWIE GEBÄUDEHÜLLE UND FUNKTIONSSCHICHT

## Title (fr)

PROCÉDÉ DE FABRICATION D'UNE COUCHE FONCTIONNELLE D'UNE ENVELOPPE DE BÂTIMENT, ENVELOPPE DE BÂTIMENT ET COUCHE FONCTIONNELLE

## Publication

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## Application

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- DE 102009049284 A 20091013
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## Abstract (en)

[origin: WO2010112169A1] The invention relates to a method for producing a functional layer of a building shell (2), wherein the building shell (2) has a shuttering (11) on the inside of the building and a majority of rafters (12) having rafter fields (14) provided between the rafters (12) and the shuttering (11). According to the present invention, it is provided that the functional layer is applied to the external side (15) of the shuttering (11) at least in some regions by way of painting and/or spraying, and after being applied thereto said functional layer forms an air and/or watertight foil (10), which is in particular designed as a vapor barrier.

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## Citation (examination)

- EP 1288273 A2 20030305 - SILU VERWALTUNG AG [CH]
- EP 0185214 A1 19860625 - TEROSON GMBH
- EP 0773245 A2 19970514 - BASF AG [DE]

## Citation (opposition)

Opponent : Sika Technology AG

- US 6868643 B1 20050322 - WILLIAMS MARK F [US]
- DE 20120812 U1 20030430 - DOERKEN EWALD AG [DE]
- "Sikafill® elastic waterproofing coating", SIKA EGYPT FOR CONSTRUCTION CHEMICALS, 2006, pages 1 - 2, XP055271157, Retrieved from the Internet <URL: <http://bonyantech.Sy/en/OurProducts/Protective%20Coatings/Resin%20Base%20Coating/Sikafill.pdf>>
- "Sikafill® Guaina elastic per impermeabilizzazioni di copertura nuove ed esistenti", SIKA ITALIA S.P.A, 2007, pages 1 - 3, XP055271164, Retrieved from the Internet <URL: <http://www.maifredicostruzioni.com/attachments/article/148/Fill.pdf>>

Opponent : Sozietät Thews & Thews Patentanwälte

- DE 20120812 U1 20030430 - DOERKEN EWALD AG [DE]
- US 2179678 A 19391114 - WENZEL EDWIN H
- US 5819496 A 19981013 - SPERBER HENRY [US]
- EP 1362694 A1 20031119 - BURKART CANDID [CH]
- EP 1288273 A2 20030305 - SILU VERWALTUNG AG [CH]
- EP 0185214 A1 19860625 - TEROSON GMBH
- EP 0773245 A2 19970514 - BASF AG [DE]
- DE 19514420 C1 19970306 - FRAUNHOFER GES FORSCHUNG [DE], et al
- EP 1531172 B1 20060816 - WEISS CHEMIE & TECHNIK GMBH & [DE]
- US 2004103604 A1 20040603 - KUNZEL HARTWIG [DE], et al

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