Title (en)
Method for sealing a structure or part of a structure

Title (de)
Verfahren zum Abdichten eines Bauwerks oder eines Bauwerkteiles

Title (fr)
Procédé d'étanchéification d'une construction ou d'un élément de construction

Publication
EP 2543784 A1 20130109 (DE)

Application
EP 11172713 A 20110705

Priority
EP 11172713 A 20110705

Abstract (en)
The method involves attaching an active sealant and a sealing mat to the building, and applying the sealant on a flat outer side of the sealing mat, after which the sealing mat is mounted on the building, such that the sealant comes to rest on the building surface. The fully adhered needled geosynthetic clay liner, particularly a bentonite mat is applied. The sealant is sprinkled prior to needling in the upper side of the web or the bentonite mat. An independent claim is included for a sealing mat for sealing a building or a structural component, which has a carrier layer made of nonwoven fabric, a clay layer made of sodium bentonite powder, and a sealant made of sodium carbonate.

Abstract (de)
Die Erfindung betrifft ein Verfahren zum Abdichten eines Bauwerks oder eines Bauwerkteils, bei dem ein aktives Dichtmittel und eine Dichtungsmatte am Bauwerk angebracht werden, wobei das Dichtmittel an einer flächigen Außenseite der Dichtungsmatte aufgebracht wird, wonach die Dichtungsmatte derart am Bauwerk angebracht wird, dass das Dichtmittel am Bauwerk flächig zur Anlage kommt.

IPC 8 full level
E04B 1/68 (2006.01)

CPC (source: EP)
E04B 1/66 (2013.01); E04B 2001/6818 (2013.01)

Citation (applicant)
US 5728428 A 19980317 - RUSINOFF ALEXANDER [US]

Citation (search report)
[XI] US 5346566 A 19940913 - WHITE ALEC W [US]

Cited by
DE102015006470B4

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 2543784 A1 20130109

DOCDB simple family (application)
EP 11172713 A 20110705