

Title (en)  
CAVITY WALL

Publication  
**EP 0103097 A3 19850116 (DE)**

Application  
**EP 83106752 A 19830709**

Priority  
DE 3230311 A 19820814

Abstract (en)  
[origin: EP0103097A2] 1. Wall with an inner shell (2) and an outer shell (1) arranged at a specific distance in front of the inner shell (2), the wall shells being connected to one another by means of wire ties (5), and water-repelling barrier sheets (8) being located on the wire ties (5) in the air gap (4) between the inner shell (2) and the outer shell (1), the wire ties (5) passing through incisions (10) arranged in the region of the lower edge, and each barrier sheet (8) being inclined towards the outer shell from the top edge (12) of the barrier sheet (8) to the lower edge (9), and the incision region (13) of a barrier sheet (8) engaging over the region of the top edge (12) of the barrier sheet following it downwards, characterized in that the barrier sheets (8) are permeable to water vapour, in that in each barrier sheet (8) incisions (10) are provided on the lower edge (9) only and these incisions (10) are of equal length and extend vertically upwards, the length of the incisions (10) being calculated so that the vertical distance between the base point (11) of each incision (10) and the top edge (12) is somewhat less than the vertical distance between two horizontal adjacent rows of wire ties, and in that the barrier sheets (8) consist of fabric sheets soaked in bitumen.

IPC 1-7  
**E04B 2/30**

IPC 8 full level  
**E04B 1/41** (2006.01)

CPC (source: EP)  
**E04B 1/4185** (2013.01)

Citation (search report)

- [X] US 3426494 A 19690211 - HALA ALFRED A
- [A] DE 2806988 A1 19790823 - RECOZELL GMBH
- [A] DE 2417138 A1 19751016 - WINKLER HANS H DIPL ING DIPL K

Cited by  
US5791107A

Designated contracting state (EPC)  
BE FR GB NL

DOCDB simple family (publication)  
**EP 0103097 A2 19840321; EP 0103097 A3 19850116; EP 0103097 B1 19870701; DE 3230311 A1 19840216; DE 3230311 C2 19880121**

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