

Title (en)
Panel with special effects

Title (de)
Effektpaneel

Title (fr)
Panneau à effets spéciaux

Publication
EP 1607566 A3 20120725 (DE)

Application
EP 05012176 A 20050607

Priority
AT 10142004 A 20040614

Abstract (en)
[origin: EP1607566A2] The multilayer cladding plate for a building facade is designed to give various optical effects. It has an outer glass plate (2) which may be reinforced forming an impervious covering. There is a gap (4) for ventilation air behind the glass plate. A thick layer of honeycomb structure (5) with through-holes is held behind the glass plate. The glass plate and the honeycomb structure are held in a frame with a Z-section element (6), a U-section spacer (8), and a flat frame element (9). Bolts or clips (7) may fasten the Z-section element and the flat frame element together.

IPC 8 full level
E06B 3/66 (2006.01); **E04C 2/36** (2006.01); **E06B 3/67** (2006.01); **E06B 9/24** (2006.01)

CPC (source: EP)
E04B 1/90 (2013.01); **E04B 2/96** (2013.01); **E04C 2/365** (2013.01); **E06B 3/66** (2013.01); **E06B 3/6722** (2013.01); **E04B 2001/748** (2013.01)

Citation (search report)

- [X] CH 440578 A 19670731 - EBERSPAECHER J [DE]
- [X] DE 8610271 U1 19880407
- [X] EP 0367045 A1 19900509 - FRAUNHOFER GES FORSCHUNG [DE]
- [X] DE 10060183 A1 20020613 - SITECO BELEUCHTUNGSTECH GMBH [DE]

Cited by
CN112593824A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1607566 A2 20051221; **EP 1607566 A3 20120725**; AT 500708 A1 20060315; CN 100534777 C 20090902; CN 1715044 A 20060104; DK 3085873 T3 20181203; EP 3085873 A2 20161026; EP 3085873 A3 20170118; EP 3085873 B1 20180822

DOCDB simple family (application)
EP 05012176 A 20050607; AT 10142004 A 20040614; CN 200510078079 A 20050614; DK 16171380 T 20050607; EP 16171380 A 20050607