

Title (en)
LIGHT-TRANSMITTING BUILDING CONSTRUCTION ELEMENT

Title (de)
LICHTTRANSMITTIERENDES HOCHBAUELEMENT

Title (fr)
ELEMENT DE BATIMENT TRANSMETTANT LA LUMIERE

Publication
EP 1051555 A1 20001115 (DE)

Application
EP 99904811 A 19990126

Priority
• DE 19803584 A 19980130
• EP 9900465 W 19990126

Abstract (en)
[origin: US6351914B1] A light-transmitting building component, as wall roof or ceiling component etc. is formed with a technical membrane, in the form of a textile tissue on the outward-facing side and, furthermore, by a sound-insulation layer arranged at a distance to the outer layer of the technical membrane, and by an infrared-impeding, light-transmitting layer on the inward-facing side. In this manner, a building component is created which features low surface weight and still meets stringent requirements not only in terms of resistance to climatic influences but also with regard to heat and sound insulation.

IPC 1-7
E04B 2/88; **E04C 2/54**; **E04B 7/14**

IPC 8 full level
E04B 2/88 (2006.01); **E04B 1/88** (2006.01); **E04B 7/14** (2006.01); **E04C 2/54** (2006.01); **E04B 1/76** (2006.01)

CPC (source: EP US)
E04B 1/88 (2013.01 - EP US); **E04C 2/54** (2013.01 - EP US); **E04B 2001/7691** (2013.01 - EP US)

Citation (search report)
See references of WO 9939060A1

Designated contracting state (EPC)
AT CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
US 6351914 B1 20020305; AT E216014 T1 20020415; CA 2319154 A1 19990805; CN 1102191 C 20030226; CN 1289385 A 20010328; DE 19803584 A1 19990805; DE 19803584 C2 20011206; DE 59901182 D1 20020516; EP 1051555 A1 20001115; EP 1051555 B1 20020410; ES 2175939 T3 20021116; JP 2002501996 A 20020122; MY 119939 A 20050830; WO 9939060 A1 19990805

DOCDB simple family (application)
US 60015500 A 20000911; AT 99904811 T 19990126; CA 2319154 A 19990126; CN 99802523 A 19990126; DE 19803584 A 19980130; DE 59901182 T 19990126; EP 9900465 W 19990126; EP 99904811 A 19990126; ES 99904811 T 19990126; JP 2000529509 A 19990126; MY PI9900335 A 19990130