

Title (en)
Foam-fillable hollow section member

Title (de)
Ausschäumbares Hohlprofil

Title (fr)
Profilé creux remplissable par moutage

Publication
EP 1154115 B1 20061115 (DE)

Application
EP 00109787 A 20000509

Priority
EP 00109787 A 20000509

Abstract (en)
[origin: EP1154115A1] The hollow chamber (6) is defined by profiled walls (2, 3, 4,5) and has a compensating wall (8) which separates the compensating chamber (9) away from the foamable part of the hollow chamber. The volume of the compensating chamber in the non-foamed state of the hollow profile is a maximum of 30% of the overall volume of the hollow chamber. The compensating wall is designed so that when the hollow chamber is filled with foam the volume of the compensating chamber is reducible by releasing a compensating volume for the foam (7). The compensating wall is deformable under the pressure of the expanding foam so that the volume of the compensating chamber can be reduced.

IPC 8 full level
E06B 3/267 (2006.01)

CPC (source: EP)
E06B 3/2675 (2013.01)

Cited by
DE102009037851A1; DE102009034968A1; DE102006059854B4; EP2078815A3; DE102010049099A1; DE102006061035B3;
DE102006061035C5; EP2278108A3; DE102006059854A1; US8286396B2; WO2012052142A1; WO2012052140A1; WO2011020548A1;
US9388627B2; WO2011012293A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1154115 A1 20011114; EP 1154115 B1 20061115; DE 50013753 D1 20061228

DOCDB simple family (application)
EP 00109787 A 20000509; DE 50013753 T 20000509