

Title (en)
COMPONENT AND USE OF A COMPONENT

Title (de)
BAUTEIL UND VERWENDUNG EINES BAUTEILS

Title (fr)
COMPOSANT ET SON UTILISATION

Publication
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Application
EP 09775850 A 20090330

Priority
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Abstract (en)
[origin: WO2010048909A1] The invention relates to a component for a construction, said component comprising at least one wood-retainer composite element (I) consisting of at least one wood element (2) and one retainer (III), the wood element (2) and the retainer (III) being connected in an essentially non-positively engaged and/or form-fitting and/or integrally bonding manner. The wood element (2) and the retainer (III) are at least partially connected by thrust force. At least one solar element, especially a heliothermal element (5), is integrated into the retainer (3) and/or a photovoltaic element (6) is arranged on a side (7) of the retainer (III) facing the light. The photovoltaic element is especially at least partially hydrophobic.

IPC 8 full level
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Citation (search report)
See references of WO 2010048909A1

Citation (examination)
• US 4398529 A 19830816 - SCHOENFELDER JAMES L [US]
• DE 9409453 U1 19940811 - GENSCHOREK GIDO [DE]
• DE 20312719 U1 20040422 - SCHULTE GERHARD [DE]
• DE 20106564 U1 20010712 - LUELING CLAUDIA [DE], et al
• DATABASE EPODOC [online] EUROPEAN PATENT OFFICE, THE HAGUE, NL; Database accession no. JP-7629285-A & JP S61235637 A 19861020 - TAKENAKA KOMUTEN CO, et al

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