

Title (en)  
SUPPORTING WOODEN PANEL ELEMENT FOR CONSTRUCTING CEILINGS OR BRIDGES AND USE OF A SCREW FOR CONNECTING  
BOARDS TO FORM A PANEL ELEMENT

Title (de)  
TRAGENDES PLATTENELEMENT AUS HOLZ FÜR DECKENKONSTRUKTIONEN ODER FÜR DEN BRÜCKENBAU SOWIE VERWENDUNG  
EINER SCHRAUBE ZUM VERBINDEN VON BRETTERN ZU EINEM PLATTENELEMENT

Title (fr)  
ELEMENT DE TYPE PLAQUE PORTANTE EN BOIS POUR CONSTRUCTIONS DE PLANCHERS OU DE PONTS ET UTILISATION D'UNE VIS  
POUR ASSEMBLER DES PLANCHES POUR FORMER UN ELEMENT DE TYPE PLAQUE

Publication  
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Application  
**EP 97918967 A 19970807**

Priority  
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Abstract (en)  
[origin: US6256949B1] In a wooden panel element (1) for ceiling structures or for bridge construction there is provided a plurality of boards (25) standing on edge perpendicular to the plane of the panel element (1) and running along the entire length thereof, which boards are joined together by screw fastenings. The individual boards (25) are joined together at least partly by screws (27) driven at an acute angle to the surface thereof, each of these screws (27) passing through two successive boards (25). Also provided close to the upper edge (30) and the lower edge (31) of the boards (25) are screws (28) driven at right angles to the surface (26) of the boards (25).

IPC 1-7  
**E04C 2/12**; **E01D 19/12**

IPC 8 full level  
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