

Title (en)  
System of elements of supporting structure of a three-dimensional framework

Title (de)  
Anordnung von Tragstruktur-Elementen eines Raumtragwerkes

Title (fr)  
Système d'éléments de structure portante d'ossature tridimensionnelle

Publication  
**EP 1452667 B1 20060809 (DE)**

Application  
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Priority  
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• EP 99102598 A 19990211

Abstract (en)  
[origin: EP0936327A1] The support structure has a locking unit (35) with the locking head (40.1) with a horizontal slit to be secured to a perforated disk (30) on the pole (21). The locking head (40.1) has wedge openings (152) for an inserted wedge (41). The locking head (40.1), of malleable cast iron, has a laying section (80) and connector (50). The laying section (80) has walls (51) with surfaces to bear against the pole (21). The locking head (40.1) is contained within the surfaces of side walls (46.1, 46.2) and upper and lower walls, with the forces transferred between them through working zones. The locking head (40.1) is locked to a rod, and especially a tube (38), or the connection can be through a bolt with a U-profile or a diagonal linkage rod. The sections of the locking head (40.1) have walls of the same thickness.

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN106401166A; CN101892737A; US8978822B2; DE202010013128U1; EP2466034A1; DE102010000472A1; WO2011100941A1; US8439166B2; DE102008006911A1; WO2009092340A1

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