

Title (en)

Support system made of a lattice girder and a wooden section

Title (de)

Tragsystem aus Gitterträger und Profilholz

Title (fr)

Structure porteuse composée d'une poutre à treillis et d'un profilé en bois

Publication

**EP 1070801 A3 20010207 (DE)**

Application

**EP 00113642 A 20000628**

Priority

DE 19933101 A 19990715

Abstract (en)

[origin: EP1070801A2] A typical Warren truss may have a thick metal top compression rod (14) connected to two bottom tension members (10,12) by thin wires or rods (16,18) bent into a sinusoidal shape and welded to the metal rods. In the modified version, a wooden beam is added just above the thick metal top compression rod, and the bracing rod may enter cutouts in this beam and be secured by nails.

IPC 1-7

**E04C 5/065**; **E04C 3/292**

IPC 8 full level

**E04C 3/16** (2006.01); **E04C 3/292** (2006.01); **E04C 5/06** (2006.01); **E04C 5/065** (2006.01)

CPC (source: EP)

**E04C 3/292** (2013.01); **E04C 5/06** (2013.01); **E04C 5/065** (2013.01)

Citation (search report)

- [Y] DE 1269324 B 19680530 - WALTER HASLINGER
- [Y] WO 8803210 A1 19880505 - STALIN KONSULTER AB [SE]
- [A] DE 382045 C 19230928 - JAKOB MELLES
- [A] WO 8001297 A1 19800626 - FRELENA AB [SE], et al
- [A] WO 8900226 A1 19890112 - SMEDJEBACKEN BOXHOLM STAAL [SE]
- [A] WO 9311323 A1 19930610 - WEGLER GEORGE [SE]
- [A] WO 8504207 A1 19850926 - STALIN LARS
- [A] DE 810188 C 19510806 - VOLLMAR HANS
- [A] FR 2191001 A1 19740201 - NEUNKIRCHEN FRA CE [FR]
- [AD] DE 29806562 U1 19980827 - MAACK PETER DR ING [DE]

Cited by

CN111576737A

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**EP 1070801 A2 20010124**; **EP 1070801 A3 20010207**; **EP 1070801 B1 20020918**; AT E224491 T1 20021015; CZ 20002619 A3 20010314; CZ 292962 B6 20040114; DE 19933101 C1 20010523; DE 50000514 D1 20021024; ES 2183765 T3 20030401; HU 0002635 D0 20000928; HU 222530 B1 20030828; HU P0002635 A2 20010528; HU P0002635 A3 20020429; PL 341456 A1 20010129; PT 1070801 E 20030228; SK 10292000 A3 20010118

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