

Title (en)

MODULAR LATTICE TOWER TO BUILD A HIGH VOLTAGE AERIAL ELECTRIC TRANSMISSION LINE, WITH VARIABLE MULTI-PURPOSE ARRANGEMENT, ITS MODULAR SYSTEM AND METHOD OF CONSTRUCTION

Title (de)

MODULARER GITTERTURM ZUM AUFBAU EINER HOCHSPANNUNGS-LUFTLEITUNG MIT VARIABLER MEHRZWECKANORDNUNG, SEIN MODULARES SYSTEM UND KONSTRUKTIONSVERFAHREN

Title (fr)

TOUR EN TREILLIS MODULAIRE POUR CONSTRUIRE UNE LIGNE DE TRANSMISSION ÉLECTRIQUE AÉRIENNE À HAUTE TENSION, AVEC AGENCEMENT À USAGES MULTIPLES VARIABLE, SON SYSTÈME MODULAIRE ET PROCÉDÉ DE CONSTRUCTION

Publication

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Application

EP 21839258 A 20211210

Priority

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- IB 2021061573 W 20211210

Abstract (en)

[origin: WO2022123521A1] Lattice tower for overhead power lines in High Voltage including a base anchored to the ground and a body ending with a top portion (4) designed to anchor respective conductors (5) of an HV power line; wherein the top portion (4) consists of a modular system (6) to realize a reticular structure of parallelepiped shape formed by at least four straight uprights and a plurality of angles arranged transversely to the uprights to connect the uprights to each other by fixing them in a vertical direction (V) and parallel to each other, so that the top portion (4) has a recursive configuration forming a plurality of three-dimensional modules (8) identical to each other arranged sequentially in the vertical direction (V) to obtain a 66kV lattice tower and, with the addition of an additional independent three-dimensional module, a 135/150kV lattice tower.

IPC 8 full level

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CPC (source: EP)

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