

Title (en)
TEMPORARY EXPLOSION-PROOF SUSPENDED ROPEWAY BRIDGE

Title (de)
TEMPORÄRE EXPLOSIONSGESCHÜTZTE HÄNGESEILBAHNBRÜCKE

Title (fr)
PONT SUSPENDU TEMPORAIRE DE TÉLÉPHÉRIQUE ANTIDÉFLAGRANT

Publication
EP 4378790 A1 20240605 (EN)

Application
EP 22210999 A 20221202

Priority
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Abstract (en)
The present invention is composed of a steel rope, erect a temporary explosion-proof suspended ropeway bridge, applied to urgently transport personnel, vehicles, or similar heavy equipment over mountain valleys, col, cliffs, and other areas where bridges are required, a temporary ropeway bridge may be quickly erected by the method of the present invention, the method is that, when the personnel and equipment reach the valley side, start with a guide rope path (14), two people carried portable stakes (8) (Patent 112018006104.3) and tools across the valley, after installing the portable stake, personnel from both sides shall cooperate with the erection of steel wire rope ropeway (11), Install the crane pulley (6), it can transport ordinary vehicles or military vehicles, tanks and vehicles, armored vehicles, self-propelled artillery and other equipment through the canyon, the characteristics are that, installation and disassembly simply save time, flexible, concealed, not easy to detect, can adjust the flexibility degree and droop degree at any time, not easy to be hit by other rigid objects or a guided bomb hit it, even if it hits it, can also automatically slide on.

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CPC (source: EP)
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- [X] CN 115045175 A 20220913 - XU SHAOGANG
- [A] CN 207727552 U 20180814 - XU SHAOGANG
- [A] KR 200336877 Y1 20031224
- [A] US 806505 A 19051205 - SHELTON WILLIAM MARION [US], et al

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