

Title (en)  
SUPPORTING LEG STRUCTURE, CONCRETE PUMP VEHICLE AND OIL PIPE ASSEMBLING METHOD

Title (de)  
STÜTZBEINSTRUKTUR, BETONPUMPENFAHRZEUG UND ÖLLEITUNGS-MONTAGEVERFAHREN

Title (fr)  
STRUCTURE DE BÉQUILLE DE SUPPORT, VÉHICULE DE POMPE À BÉTON ET PROCÉDÉ D'ASSEMBLAGE DE TUYAU D'HUILE

Publication  
**EP 2620335 B1 20150318 (EN)**

Application  
**EP 11826354 A 20110621**

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Abstract (en)  
[origin: EP2620335A1] A supporting leg structure comprises a box-shaped supporting leg. The tail of the box-shaped supporting leg comprises a closing plate (34) and an opening (35). The supporting leg structure also comprises hydraulic pipelines composed of hard tubes (41), joints (43) and flexible tubes (42a) clad with a drag chain (42b). The hard tubes (41) and the flexible tubes (42a) are coupled by the joints (43). The supporting leg structure also comprises a fixing plate (50), a connecting plate (10) and a mounting plate (20). The fixing plate (50) is disposed on the closing plate (34), and the mounting plate (20) is able to be fixed to the fixing plate (50). The connecting plate (10) comprises a first plate portion (11) and a second plate portion (12), and the plane of the first plate portion and the plane of the second plate portion intersect. The second plate portion (12) is adjustably coupled with the mounting plate (20), causing the first plate portion to move away from or towards the closing plate. The joints (43) are aligned with the hard tubes (41) and installed on the first plate portion, and the flexible tubes are installed by aligning with the joints. Also disclosed are a truck mounted concrete pump and an oil tube assembling method. By the supporting leg structure and the oil tube assembling method, the hard tubes and the flexible tubes can be coupled together accurately and conveniently.

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