

Title (en)  
GLASS PLATE FOR CONCRETE CONVEYING PUMP

Title (de)  
GLASPLATTE FÜR EINE BETONFÖRDERPUMPE

Title (fr)  
PLAQUE DE VERRE POUR POMPE DE TRANSPORT DU BÉTON

Publication  
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Application  
**EP 12827681 A 20120813**

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Abstract (en)  
[origin: EP2767714A1] Disclosed in the present invention is a glass plate for a concrete conveying pump which comprises a steel base(2) with two feeding through holes(1), the end face of the steel base(2) is embedded and welded with a wear-resistant material slide joint surface(3); shear rings(4) are assembled in the two feeding through holes(1) of the steel base(2), and are provided with openings; grooves(5) are formed on inner circular faces of the feeding through holes(1); and outer circular faces of the shear rings(4) are provided with flanges(6) matched with the grooves(5). By the structure, a flange ring at one end of each shear ring(4) and countersunk holes for accommodating the shear rings(4) on the steel base(2) are eliminated, and the interference of sealing grooves on the end face of the steel base(2) and the countersunk holes for accommodating the shear rings on the steel base(2) is avoided. Along the axis direction, a central parting plane of a shear ring(4) is taken as a symmetrical plane, the grooves(5) and the flanges(6) are symmetrical about the symmetrical plane, thus allowing the shear ring(4) to be utilized twice by the positive and negative surfaces.

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