

Title (en)
Cylinder trunnion supporting structure

Title (de)
Zapfenzylindertragstruktur

Title (fr)
Structure de support de tourillon de cylindre

Publication
EP 2966306 B1 20170426 (EN)

Application
EP 14189497 A 20141020

Priority
CN 201410322867 A 20140709

Abstract (en)
[origin: EP2966306A1] The present invention discloses a cylinder trunnion supporting structure, comprising trunnion supports (2) separately disposed on two sides of a cylinder body (1). Each of the trunnion supports (2) comprises a main body (2a) and two positioning ends (2b) located at two ends of the main body (2a) and arranged in a same direction. A trunnion (201) is provided on the top of the main body(2a). Clamping block mounting recesses (202), which are parallel to an axial direction of the cylinder body (1), are provided on opposite side faces of the two positioning ends (2b). Clamping blocks (5), which are capable of rotating with respect to the clamping block mounting recesses (202), are provided in the clamping block mounting recesses. Positioning grooves (101) fitted with inner sides of the clamping blocks (5) are provided on the cylinder body (1). Bolts (4) acting on outer sides of the clamping blocks (5) are provided on the trunnion supports (2). One face of each of the clamping blocks (5) protrudes outward to form an outer arc (5a) face that is in line contact with side walls of the clamping block mounting recesses (202).

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