

Title (en)  
MECHANICAL SYSTEM COMPRISING A DEVICE FOR CONNECTION BETWEEN A WEARING PART AND THE SUPPORT THEREOF, HEAVY-CONSTRUCTION MACHINE BUCKET, AND METHOD FOR IMPLEMENTING SAID SYSTEM

Title (de)  
MECHANISCHES SYSTEM MIT EINER VORRICHTUNG ZUR VERBINDUNG ZWISCHEN EINEM VERSCHLEISSTEIL UND STÜTZE DAFÜR, SCHAUFEL FÜR TIEFBAUMASCHINE UND VERFAHREN ZUR UMSETZUNG DES SYSTEMS

Title (fr)  
SYSTÈME MÉCANIQUE COMPRENANT UN DISPOSITIF DE LIAISON ENTRE UNE PIÈCE D'USURE ET SON SUPPORT, GODET D'ENGIN DE TRAVAUX PUBLICS ET PROCÉDÉ DE MISE EN OEUVRE D'UN TEL SYSTÈME

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Abstract (en)  
[origin: WO2013030336A1] The invention relates to a mechanical system (1) comprising a support (10), a tooth (20) and a device (30) for interconnecting said two components. The device (30) comprises a key (50), a nut (60) and an elastic sheath (40) provided with a wall that is adjustable by deformation in a housing (14) of the support (10), by screwing between the key (50) and the nut (60), between an insertion configuration and a locking configuration. The device (30) also comprises a support ring (70) inserted between the key (50) and an opening (24) made in the tooth (20). In the insertion configuration of the device (30), the support ring (70) is adjusted in the opening (24), while in the locking configuration of the device (30), the support ring (70) exerts retaining forces on the tooth (20). The invention also relates to a heavy-construction machine bucket (G) comprising such a system (1), and to a method for implementing such a system (1).

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