Title (en)

MECHANICAL SYSTEM COMPRISING A WEAR PART AND A SUPPORT, AND A BUCKET COMPRISING AT LEAST ONE SUCH MECHANICAL SYSTEM

Title (de)

MECHANISCHES SYSTEM MIT EINEM VERSCHLEISSTEIL UND EINEM TRÄGER UND SCHAUFEL MIT MINDESTENS EINEM SOLCHEN MECHANISCHEN SYSTEM

Title (fr)

SYSTEME MECANIQUE COMPRENANT UNE PIECE D'USURE ET UN SUPPORT, ET GODET COMPRENANT AU MOINS UN TEL SYSTEME MECANIQUE

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Application

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Abstract (en)

[origin: WO2013083812A1] The present invention relates to a mechanical system (1), comprising a wear part (10) and a support (20), which belong to the equipment of a construction machine. The support (20) comprises a base (22), a nose (30), which extends from the base (22) along a main axis (X30), and to each side of the base (22), a housing (24) for receiving a lug belonging to the wear part (10). The mechanical system (1) is characterised in that the nose (30) comprises a first area (40), which is located in the vicinity of the proximal end (31) of the nose (30) and which comprises at least six planar faces arranged in opposite pairs delimiting sections of a first type, and a second area (80), which is located in the vicinity of the distal end (33) of the nose (30) and which comprises at least six planar faces arranged in opposite pairs delimiting sections of a second type, each planar face of the second area (80) being less inclined, relative to the main axis (X30), than the planar face of the first area (40), which is located in the extension of said planar face in the proximal direction (D31).

IPC 8 full level

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