Title (en)

MECHANISM FOR FASTENING IN A SWIVELLING MANNER A PLATE CARRIER TO A TELESCOPIC MAST OF A PLATE-LIFTING APPARATUS, AND PLATE-LIFTING APPARATUS EQUIPPED WITH THIS MECHANISM

Title (de)

MECHANISMUS ZUR SCHWENKBAREN BEFESTIGUNG EINES PLATTENTRÄGERS AN EINEM TELESKOPMAST EINER PLATTENHEBEVORRICHTUNG UND PLATTENHEBEVORRICHTUNG MIT DIESEM MECHANISMUS

Title (fr)

MÉCANISME DE FIXATION PIVOTANTE D'UN PORTE-PLAQUE SUR UN MÂT TÉLESCOPIQUE D'UN APPAREIL DE LEVAGE DE PLAQUES, ET APPAREIL DE LEVAGE DE PLAQUE MUNI D'UN TEL MÉCANISME

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Application

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Abstract (en)

[origin: WO2016071590A1] The invention proposes a reliable swivelling fastening mechanism that limits the risk of injuries, is inexpensive and ergonomic, allowing a plate to be horizontally, obliquely and vertically fastened, and easy to service. The swivelling fastening mechanism (100) comprises, in the position of use: a vertical supporting profile (10) to be arranged at the top of the mast, coaxially to the mast; two parallel backing plates (20) mounted so as to swivel on the supporting profile (10) and interconnected on one side by a plate carrier fastening component (30) and on the other side by a U-shaped vertical position stop (40) attached to the backing plates and arranged in such a way that the plate carrier fastening component (30) is parallel to the supporting profile (10) when the supporting profile is in contact with the vertical position stop (40); and a retractable stop (50) supported by at least one backing plate in such a way that the plate carrier fastening component (30) forms an angle between 10° and 80° with the supporting profile when the supporting profile is in contact with the retractable stop (50).

IPC 8 full level

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