

ABSTRACT

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

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
10 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
15 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
20 between 10° and 80° with the supporting profile when the supporting profile is in contact with the retractable stop (50).