

Abstract

The invention relates to a device (5) for the mechanical handling of a flexible bag (6) placed in a holder (7), the bag having a mouth with at least one flap (6a) that can close or open the mouth of the bag. The device according to the invention comprises a brush wheel (8) that is mounted in rotation about a shaft (9), the brush wheel comprising fins (10) each consisting of a curved flexible portion (11) which extends from the shaft, and a straight end portion (12) which extends in continuation of the curved portion, the set of straight portions substantially forming a rim, and the brush wheel being arranged in such a way that, when it is rotated close to the mouth of the bag, centrifugal force straightens the curved portions, thus increasing the radius of the rim in order to allow the straight portions to rub against the flap of the bag.