

ABSTRACT**A GEARBOX FOR A FLIPPER ASSEMBLY**

5 The present invention discloses a flipper assembly for engaging a shipping container, the flipper assembly comprising a flipper arm (1) pivotably mounted on a spreader, with said flipper arm (1) being moveable between an opened position and a closed position about said pivoted mounting; and a transmission gearbox operatively connected to the flipper arm (1) and an input drive (2), in which said transmission gearbox is adapted to
10 transfer incoming torque from the input drive to move the flipper arm (1) between its opened position and closed position; wherein the transmission gearbox includes a locking mechanism operable to prevent linear vertical movement of one or more components within said transmission gearbox in the event of impact by external force during operation.

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*(The most illustrative figure: **FIG. 1**)*