

ABSTRACT**DEVICE AND METHOD FOR CONVEYING AND FLIPPING A COMPONENT**

The present invention relates to a device (1) and method for conveying and flipping a component (10) for use in conjunction with a rotary turret module (30).

5 The device (1) includes at least a pair of spaced apart flipping arms, a first and second flipping arms (100 and 300) mounted on a platform (500). Each of the flipping arms (100, 300) is provided with one nozzle (110, 310) having one end (111) configured to pick the component (10) and another end (311) fixedly mounted on a shaft (130, 330) supported on the flipping arm (100, 300) and is
10 operatively connected to a rotary actuating means (150, 350). The rotary actuating means (150, 350) is adapted to be capable of affecting a rotational motion of the shaft (130, 330), thereby rotating the nozzles (110, 310) in a counter direction by substantially 90 degrees. The device is also provided with a linear actuating means (400) suitably mounted on the platform (500). The linear actuating means
15 (400) is operatively connected to at least one of to the flipping arms (100, 300 or 100 and 300) and is adapted to be capable of moving the flipping arm (100, 300) or arms (100 and 300) in a horizontal direction so as to position the nozzles (110, 310) substantially proximate to each other for transferring of the component (10) between the nozzles (110, 310) and thereby, flipping the component (10) at 180
20 degrees.

The most illustrative drawing: FIG. 1