

Title (en)
DEVICE AND METHOD FOR PRODUCING TEA OR COFFEE CUPS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON TASSEN

Title (fr)
DISPOSITIF ET PROCEDE DE PRODUCTION DE TASSES

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Application
EP 00909265 A 20000228

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Abstract (en)
[origin: DE19913463A1] The invention relates to a method and to a device for producing tea or coffee cups (5). According to the invention, the handles (9) contained in a diecasting mold (3) are applied on the cup body (4). The method comprises the following steps: a) advancing the cup bodies (4) on a conveyor belt (1); b) placing a limiting piece (13) on the rim of the cup; c) introducing a lifting device (6) into the cup body (4) and fixing a vacuum holder (15) of the lifting device (6) on the bottom of the cup body (4); d) displacing the lifting device (6) together with the cup body (4) to a position above the diecasting mold (3) containing the handle (9); e) applying cream of clay on the ends of the handle (9); f) lowering the lifting device (6) until the outer rim of the cup on which the handle (9) is to be fixed reaches a preadjusted distance above the diecasting mold (3) containing the handle (9); slightly applying pressure until the cup body (4) is linked with the handle (9); g) opening the diecasting mold (3) and retracting the lifting means (6) with the tea or coffee cup (5) to the conveyor belt (1). The device for producing tea or coffee cups (5) consists of a conveyor belt (1) with a limiting piece (13) for aligning the cup bodies. In a linear guide (10) above the conveyor belt (1) a lifting device (6) is provided that is coupled to a vibration device (12) and that is mounted on a swivel arm (7).

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