

DOWNHOLDER FOR HOLDING DOWN THE SUBSTRATE PLACES OF A SUBSTRATE

ABSTRACT

A downholder for holding down the substrate places of a substrate comprises a plate (1) with a central opening (2) which makes at least one substrate place accessible for the bonding of dies and two further openings (3, 4) arranged on either side adjacent to the central opening (2), a downholder plate (10) with an opening (11) and downholder webs (12), a first and second pneumatic drive and pressure lines (9) for supplying a compressed gas to the pressure chambers of the two pneumatic drives. Each pneumatic drive comprises a cylinder (5, 6) and a drive element, between which a pressure chamber is formed. The cylinder (5) of the first drive is fixed above the first of the further openings (3), and the cylinder (6) of the second drive is fixed above the second of the further openings (4).

(Fig. 1)