

Title (en)

APPARATUS FOR THE CHRONOLOGICALLY SUCCESSIVE MANUFACTURE OF JOINTS BETWEEN THE EMPTY SPACES OF LAMP BULBS AND PRESSURE SOURCES FOR GASES AND/OR VACUUM SOURCES

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Application

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Priority

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Abstract (en)

[origin: US4666416A] The invention resides in apparatus for producing consecutive connections between the interiors (10) of glass lamp bulbs (12) and sources (14) of pressurized gas and/or vacuum (16, 17). The sequence of connecting is governed by the requirements of lamp bulb manufacturing. The pressure sources and/or vacuum sources are connected with channels (50, 52) in a stationary lower slide (38) of a slide system containing an upper slide (36) rotatable in engagement with the lower slide. Disposed in the upper slide are passageways (30, 32, 42, 43) to which the interiors of glass lamp bulbs are connected. Dependent on the position of rotation, the orifices of passageways (30, 32, 42, 43, 50, 52) in the upper and lower slides are aligned at least one of the two slides is provided with a face (60) engaging the other slide. The face is formed from a disc of a ceramic material which is highly resistant to wear and has a low coefficient of friction.

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