

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

Publication

EP 0182359 B1 19910227 (DE)

Application

EP 85114704 A 19851119

Priority

DE 3442362 A 19841120

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.

IPC 1-7

H01J 9/38

IPC 8 full level

H01K 3/22 (2006.01); **H01J 9/38** (2006.01)

CPC (source: EP US)

H01J 9/38 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0182359 A2 19860528; EP 0182359 A3 19881019; EP 0182359 B1 19910227; DE 3442362 A1 19860522; DE 3581892 D1 19910404; JP S61173449 A 19860805; US 4666416 A 19870519

DOCDB simple family (application)

EP 85114704 A 19851119; DE 3442362 A 19841120; DE 3581892 T 19851119; JP 25752385 A 19851116; US 79990885 A 19851120