

Title (en)

LOW PRESSURE CONNECTION FOR MOULDS CONSOLIDATED IN A VACUUM

Publication

EP 0050209 B1 19840314 (DE)

Application

EP 81107169 A 19810911

Priority

DE 3039394 A 19801018

Abstract (en)

[origin: EP0050209A1] 1. A low pressure connection (1) comprising a valve (10) which closes automatically during unloading, with a device for the automatic coupling of moulds (15, 23), which are consolidated in a vacuum, to a vacuum system, the mould (15, 23) having a check valve arrangement (17), which establishes the connection to the inside of the mould (15, 23), in the area of the valve outlet, characterized in that the valve body (2) of the low pressure connection (1) can be displaced, under the action of the load, through the mould (15, 23) in a vertical direction against a spring force, in that in dependence on the displacement path, the valve (10) is opened or closed and thus a connection is established between the low pressure system and the valve outlet, and in that the valve outlet is provided with a sealing surface (14) onto which the mould (15, 23) can be placed.

IPC 1-7

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IPC 8 full level

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