

Title (en)

Compressed air inlet and outlet device for moulding machines, in particular core moulding machines

Title (de)

Drucklufteinlass- und Auslasseinheit für Formmaschinen, insbesondere Kernschliessmaschinen

Title (fr)

Dispositif pour l'admission et évacuation d'air comprimé pour machines à mouler, notamment pour machines à tirer des noyaux

Publication

EP 1201332 A3 20040114 (DE)

Application

EP 01125582 A 20011025

Priority

DE 10052954 A 20001025

Abstract (en)

[origin: EP1201332A2] Arrangement comprises a compressed air container (3), a closing tube (1), an air inlet channel (7) arranged around the periphery of the closing tube, and a waste air channel. The mouths of both channels are arranged next to each other so that the air inlet channel connects the container to the inside of the closing tube or to a filter (5). The air inlet channel is formed as a flow-optimized passage for the wall of the closing tube and has a slope angle of 15-60 degrees to the longitudinal axis of the closing tube. Preferred Features: The air inlet channel has a slope angle of 45 degrees to the longitudinal axis of the closing tube. The mouths of both channels are covered by the filter.

IPC 1-7

B22C 15/24

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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