

Title (en)
DRYER WITH A CONTROL DEVICE WITH FLAPPER VALVES

Publication
EP 0345510 B1 19920513 (DE)

Application
EP 89109077 A 19890519

Priority
DE 3819514 A 19880608

Abstract (en)
[origin: JPH0231799A] PURPOSE: To attain miniaturization by exhausting the air of increased quantity moved through intake apertures through an exhaust orifice by a blower when a first valve flap reaches a closing position by decreasing opening thereof. CONSTITUTION: Inside valve chambers 50 and 52, in order to open/close intake apertures 70 and 74, two valve flaps 40 and 42 to be respectively turned around shafts 96 and 112 almost parallel to the axial line of a drying drum 16 are provided. The first valve flap 40 is disposed so as to be turned inside the first valve chamber, the upper part of the first intake aperture 70 is closed at a closing position 75, and a conduit is fully opened from an intake aperture 54 to an exhaust orifice 62. When the first valve flap 40 is fully opened, a conduit between the first intake aperture 70 and the intake aperture 54 for letting air flow from a blower 36 is fully opened and the conduit between the intake aperture 54 and the exhaust orifice 62 is closed. When the first valve flap 60 reaches the closing position while decreasing opening thereof, air moved through the intake aperture 54 by the blower 34 is exhausted through the exhaust orifice 62.

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D06F 58/28

IPC 8 full level
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CPC (source: EP US)
D06F 58/20 (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US)

Cited by
DE9319441U1; DE9404929U1; EP3868947A1; DE102015214205A1; US11186943B2; US11761141B2

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