

Title (en)
DRYING APPARATUS

Publication
EP 0060226 B1 19850612 (EN)

Application
EP 82830011 A 19820118

Priority
IT 6732781 A 19810309

Abstract (en)
[origin: EP0060226A1] A dryer apparatus comprising an enclosure (10) which contains a drying chamber (12) for receiving articles, such as clothes (64), to be dried, an air heating passage (33) and an air cooling passage (26). Air heating means (36) are provided in the heating passage (33), to heat air flowing therethrough. The cooling passage (26) is situated beside the drying chamber (12) and has inlet means which are situated at the top of both the drying chamber (12) and the cooling passage (27), and outlet means at the bottom of the cooling passage, which outlet means communicate with the heating passage (33) near the inlet means thereof. Air cooling means (40) are provided in the cooling passage (27) to condense moisture from air flowing downwardly therein. Water collecting or draining means (48) are provided underneath the outlet means of the cooling passage to collect water dripping from the cooling means (40). The arrangement is such that a major air flow is circulated by natural convection between the drying chamber (12) and the heating passage (33), and a minor air flow is circulated by natural convection from the drying chamber (12) to the heating passage through the cooling passage.

IPC 1-7
D06F 58/20; **D06F 58/10**

IPC 8 full level
D06F 58/10 (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)
D06F 58/10 (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 34/26** (2020.02 - EP US); **D06F 2105/26** (2020.02 - EP US)

Cited by
DE3446468A1; AU648333B2; EP1148168A3; EP0530414A1; GB2259356A; US11971215B2; EP0094356B1

Designated contracting state (EPC)
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