

Title (en)  
Drying apparatus.

Title (de)  
Trocknungsvorrichtung.

Title (fr)  
Appareil de séchage.

Publication  
**EP 0060226 A1 19820915 (EN)**

Application  
**EP 82830011 A 19820118**

Priority  
IT 6732781 A 19810309

Abstract (en)  
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.

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IPC 8 full level  
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