

Title (en)
CONTINUOUS FLOW DRYER HAVING AT LEAST TWO SECTIONS

Title (de)
DURCHLAUFTROCKNER MIT MINDESTENS ZWEI SEKTIONEN

Title (fr)
SÉCHEUR CONTINU COMPORTANT AU MOINS DEUX SECTIONS

Publication
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Application
EP 17707754 A 20170201

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Abstract (en)
[origin: WO2017133727A1] The invention relates to a continuous flow dryer (10) for drying a material (14) by means of hot air (24), comprising a first and a second section (20, 22), which in a transport direction (18) are successively passed through by the material (14), and which in terms of flow are separated to a great extent. The invention is characterized in that a fresh air supply device (28) for supplying fresh air (26) as first infeed air (32) into the first section (20) is provided, an exhaust air recirculation device (44) for removing exhaust air (40) from the second section (22) and for recirculating exhaust air (40) as second infeed air (42) back into the second section (22) is provided. Furthermore, a heat exchanger (58) is provided, through which the fresh air (26) on the one hand and the exhaust air (40) on the other hand are guided, for transferring waste heat (62) of the exhaust air (40) into the fresh air (26).

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Citation (examination)

- US 4255870 A 19810317 - MALMQUIST LARS
- WO 2015127490 A1 20150903 - MÜHLBÖCK KURT [AT]
- See also references of WO 2017133727A1

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