

Title (en)
MULTILEVEL DRYING OVEN

Title (de)
MEHRSTUFIGER TROCKNUNGSOVEN

Title (fr)
FOUR DE SÉCHAGE MULTI-NIVEAUX

Publication
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Application
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Priority
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Abstract (en)

The present invention relates to a multilevel drying oven and a method for using the same. The multilevel drying oven comprises an airshaft having inlets and outlets and a fan with a suction side and a pressure side for generating an air flow in the airshaft from the inlets to the outlets. The oven comprises a stack of separate drying spaces, each drying space having a ceiling and a floor surrounding the drying space. The ceiling and the floor each comprises air channels for creating a separate air flow for each drying space.

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Citation (search report)

- [Y] US 2017211819 A1 20170727 - MCKEE PHILIP R [US], et al
- [Y] US 2008092754 A1 20080424 - NOMAN SYED MOHAMMAD SHIBBLEE [US]
- [Y] US 6539934 B2 20030401 - MOSHONAS GEORGES [CA], et al
- [Y] EP 3491297 B1 20220316 - ALTO SHAAM INC [US]
- [Y] US 6060701 A 20000509 - MCKEE PHILIP R [US], et al
- [Y] US 8440948 B2 20130514 - NODA TOMIMITSU [JP], et al

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