

Title (en)
CLOTHES DRYING APPARATUS

Title (de)
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Title (fr)
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Publication
EP 3333305 A1 20180613 (EN)

Application
EP 16382595 A 20161212

Priority
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Abstract (en)
A clothes drying apparatus (1), comprising a heat pump (2) having a rotary compressor (3) for compressing a working fluid (F) flowing through the heat pump (2), wherein the compressor (3) is a multi-chamber rotary compressor having at least two independently operable compression chambers (4, 5). The invention is particularly useful for household appliances, e.g. for clothes dryers having a closed-loop process air circuit.

IPC 8 full level
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CPC (source: EP US)
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Citation (applicant)
EP 2612695 A1 20130710 - INNOVATION FIRST INC [US]

Citation (search report)
• [XII] WO 2015180228 A1 20151203 - QINGDAO JIAONAN HAIER WASHING MACHINE CO LTD [CN]
• [XAI] EP 2551402 A1 20130130 - ELECTROLUX HOME PROD CORP [BE]
• [A] EP 2122040 A1 20091125 - IMAT S P A [IT]

Cited by
ES2767722A1; US2017350623A1; EP3757277A1; EP3757276A1; EP4086538A1

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