

Title (en)
SPRAY DRYER WITH IMPROVED SEALING

Title (de)
SPRÜHTROCKNER MIT VERBESSERTER ABDICHTUNG

Title (fr)
SÉCHOIR ATOMISEUR AVEC ÉTANCHÉITÉ AMÉLIORÉE

Publication
EP 3303957 B1 20190403 (EN)

Application
EP 16729186 A 20160603

Priority
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• DK 2016050162 W 20160603

Abstract (en)
[origin: WO2016192737A1] The spray dryer (1) has a drying chamber (2) with an opening (23) bordered by a rim (20) and a chamber roof (3) having a closing surface (30) facing the rim (20). The chamber roof (3) is movable between an open position and a closed position, and a seal (10) provided at the rim (20) of the drying chamber (2) seals against the closing surface (30) in the closed position. The rim (20) of the drying chamber (2) comprises a neck section (200) including a circumferential groove (25) facing the outwards radial direction, away from the opening (23) of the drying chamber (2). In the groove (25), a seal (10) is accommodated. The seal may be an O-ring seal (10).

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