

Title (en)
PROCESSING UNIT FOR FOOD OR PHARMACEUTICAL PRODUCTS

Title (de)
VERARBEITUNGSEINHEIT FÜR LEBENSMITTEL- ODER PHARMAZEUTISCHE PRODUKTE

Title (fr)
UNITÉ DE TRAITEMENT POUR PRODUITS ALIMENTAIRES OU PHARMACEUTIQUES

Publication
EP 3434374 B1 20190911 (EN)

Application
EP 17425067 A 20170627

Priority
EP 17425067 A 20170627

Abstract (en)
[origin: EP3434374A1] A processing unit is described for food or pharmaceutical products, in particular centrifugation, grinding and homogenization of food or pharmaceutical products, comprising: a casing (10) defining a chamber (7) for containing the products inside which first processing devices (9) are housed; a shaft (11) revolving around an axis (A) and provided with second processing devices (13) interacting with the first processing devices (9); a sealing member (15) positioned to prevent outflow of the products from the chamber (7) towards the shaft (11); and a cooling circuit configured to convey a cooling fluid (6) towards the sealing member (15); the cooling circuit comprises an impeller (35) operatively connected to the shaft (11) and configured to move the cooling fluid (6) towards a heat exchange area between the sealing member (15) and the cooling fluid (6).

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