

Title (en)
TORREFACTION APPARATUS

Title (de)
TORREFIZIERUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TORRÉFACTION

Publication
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Application
EP 15783361 A 20150422

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Abstract (en)
[origin: WO2015162338A1] According to one embodiment, the application relates to a torrefaction apparatus, comprising a conveying channel (3) adapted to pass a material to be torrefied, said conveying channel comprising openings for enabling torrefaction and being divided into at least one zone (10a, 10b, 10c, 10d), and torrefaction means (5, 6) adapted to transfer thermal energy into a torrefying gas used for torrefaction essentially in a cross-flow by way of its openings. In addition, the torrefaction apparatus is provided with measuring means adapted to measure temperature of the flowing torrefying gas in the vicinity of the conveying channel, and with control means which, jointly with the torrefaction means, enable a zone-specific adjustment of the torrefying gas temperature and flowing direction on the basis of measurement data received from the measuring means.

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