

Title (en)
PROCESS AND DEVICE FOR STEAM-CONDITIONING PLASTIC ARTICLES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM KONDITIONIEREN VON KUNSTSTOFFTEILEN MIT WASSERDAMPF

Title (fr)
PROCEDE ET DISPOSITIF POUR CONDITIONNER DES PIECES EN PLASTIQUE AVEC DE LA VAPEUR D'EAU

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Application
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Abstract (en)
[origin: WO9736736A1] The invention relates to a process for conditioning water-absorbing plastic articles (21), preferably polyamide plastic articles, with steam and to a device for carrying out this process. The plastic articles (21) are exposed to a steam atmosphere, consisting of steam heated to over 100 DEG C, for between three and fifteen minutes, during which time the articles are kept in motion in the steam. The plastic articles (21) can also be subjected during the steam treatment to an excess pressure in the steam atmosphere. The device comprises a container (2, 23, 29, 34) with a receiving and removal aperture for the plastic articles (21), to which container a steam generator (11, 37) for generating steam and feeding it into the container is connected so that the plastic articles (21) inside the container can be acted on by the steam. The container is preferably a rotating drum (2, 23) made of perforated plate and mounted so as to rotate under the action of a drive wheel (22) inside a housing (1) which is sealed off from the outer atmosphere.

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