

Title (en)

VACUUM DRYING PROCESS FOR VARIOUS ARTICLES, AND APPARATUS FOR CARRYING OUT THE PROCESS

Publication

EP 0421902 B1 19930721 (FR)

Application

EP 90420432 A 19901008

Priority

FR 8913312 A 19891006

Abstract (en)

[origin: EP0421902A1] Drying of articles. The invention relates to a drying process for articles which consists in: a) introducing the articles to be dried into the enclosure which is then hermetically closed, b) raising the internal temperature of the enclosure to a value of between 50 and 90 DEG C, c) stabilising the internal temperature of the enclosure with that of the articles by arranging a delay stage of a duration of at least one minute, d) then submitting the interior of the hermetically sealed enclosure to a partial vacuum of between - 0.5 and - 1 bar for a duration of between 30 seconds and 3 minutes, while ensuring, inside the enclosure, forced recycling of the air on the articles to be dried, e) resubmitting the interior of the enclosure to ambient atmospheric pressure. Application to the partial-vacuum drying process. <IMAGE>

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CPC (source: EP)

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Cited by

EP0639747A1; FR2774911A1; CN115751860A; EP0924487A3; FR2920046A1; EP0595029A1; EP0539607A4; FR2689967A1; US6170171B1; US6551644B1; US8898930B2; WO0053983A1; WO2012074587A1; WO9942003A1; US8756826B2; US9279616B2

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