

Title (en)

METHOD FOR RAPID MATURATION OF DISTILLED SPIRITS USING LIGHT AND HEAT PROCESSES

Title (de)

VERFAHREN ZUR SCHNELLEN REIFUNG VON SPIRITUOSEN MITTELS LICHT UND WÄRMEVERFAHREN

Title (fr)

PROCÉDÉ POUR LE VIEILLISSEMENT RAPIDE D'EAUX-DE-VIE DISTILLÉES FAISANT APPEL À DES PROCÉDÉS LUMINEUX ET THERMIQUE

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Application

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Abstract (en)

[origin: WO2019213394A1] An improved system and process for rapidly producing distilled spirits having characteristics associated with a much longer maturation process is provided. The method involves contacting wood with an amount of unmatured distilled spirit under heated conditions and contacting the resulting heat-treated spirit with actinic light. The disclosure provides embodiments where a spirit is sequentially processed through heat and actinic light treatment. The disclosure also provides embodiments where a heat-treated spirit is mixed with a spirit that has been separately treated with light to give characteristics of a mature spirit. Air may also be percolated through a mature spirit in a container with a headspace at a gauge pressure between about -25 inHg and about -30 inHg, until the alcohol concentration of the mature spirit is reduced by between about 1% to about 2% by volume, and until the total volume of the mature spirit is reduced by about 10% or less.

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