Title (en)

DRINKS PREPARATION MEANS AND METHOD FOR PROVIDING A COOLED HOT DRINK

Title (de)

GETRÄNKEBEREITER UND VERFAHREN ZUR BEREITSTELLUNG EINES GEKÜHLTEN HEIßGETRÄNKS

Title (fr)

MOYEN DE PRÉPARATION DE BOISSONS ET PROCÉDÉ DE FOURNITURE D'UNE BOISSON CHAUDE REFROIDIE

Publication

EP 4161322 A1 20230412 (DE)

Application

EP 21703659 A 20210204

Priority

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Abstract (en)

[origin: WO2021249675A1] The invention relates to a drinks preparation means and a method for providing a cooled hot drink. A heat exchanger and a cooling device are used in the drinks preparation means and the method, wherein the cooling device has an ice-water container filled with an ice-water mixture and fluidically connected to the heat exchanger. A pump is also used which conveys the cold water via a cold water line from the ice-water container into the heat exchanger and conveys water via a supply line from the heat exchanger to the ice-water container. The drinks preparation means according to the invention and the method according to the invention have the advantage of enabling rapid cooling of a hot drink with a constant and high cooling capacity, with simple equipment requirements and minimal energy consumption.

IPC 8 full level

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- JP H05282545 A 19931029
- US 2018216875 A1 20180802 - CASWELL MICHAEL ROBERT [US], et al
- See also references of WO 2021249675A1

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