Title (en)

BEVERAGE DISPENSER FOR OUTPUT OF BEVERAGE WITH VARIABLE TEMPERATURE

Title (de)

GETRÄNKESPENDER ZUR AUSGABE EINES GETRÄNKS MIT VARIABLER TEMPERATUR

Title (fr)

DISTRIBUTEUR DE BOISSONS POUR LA SORTIE DE BOISSONS AVEC UNE TEMPÉRATURE VARIABLE

Publication

**EP 3712105 A1 20200923 (EN)**

Application

**EP 19164070 A 20190320**

Priority

EP 19164070 A 20190320

Abstract (en)

A beverage dispenser (100), comprising:- an inlet for drawing a liquid from a source (102);- an outlet (132) for outputting a beverage to a portable user vessel (134);- a demineralization device (106) for demineralizing the liquid from the source having an input and an output, wherein the input of the demineralization device is coupled with the inlet;- a beverage preparation device (122, 124, 126) having an input and an output, wherein the input of the beverage preparation device (122, 124, 126) is coupled with the output of the demineralization device (106) and the output of the beverage preparation device (122, 124, 126) is coupled with the outlet,- a beverage tempering device (122) downstream of the demineralization device (106) and upstream of the outlet (132);- wherein beverage contacting elements in the tempering device and downstream of the tempering device define a tempered flow path; and- wherein at least 50 %, preferably, at least 75 %, more preferred at least 90 %, most preferred at least 95 % of the beverage contacting elements along the tempered flow path fulfill at least one of the following conditions:- the wall thickness of the beverage contacting elements is equal or smaller than 20 % of the width of the flow channel, preferably equal or smaller than 15 % of the width of the flow channel, more preferred equal or smaller than 10 % of the width of the flow channel, most preferred equal or smaller than 5 % of the width of the flow channel;- the wall thickness of the beverage contacting elements is equal or smaller than approximately 1 mm, preferably is equal or smaller than approximately 0.5 mm, more preferred is equal or smaller than approximately 0.3 mm.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Citation (search report)

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