

Title (en)
FOLDABLE CUP

Title (de)
FALTBARER BECHER

Title (fr)
GOBELET PLIABLE

Publication
EP 3111809 A4 20180214 (EN)

Application
EP 14883466 A 20140304

Priority
• KR 20140021065 A 20140224
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Abstract (en)
[origin: EP3111809A1] The present invention relates to a foldable cup, includes a front side having at least one supporting axis, broken in a circumference direction of a cup, for vertically sustaining load; a back side having at least one supporting axis, connected with both side ends thereof to be faced with the front side and broken in the circumference direction of the cup, for vertically sustaining the load; and a foldable bottom surface having 6 variable structures connecting each of ends to lower ends of the front side and back side, wherein the bottom surface includes a foldable line for two dividing it to be folded between the front side and back side; a main axis, crossing the foldable line diagonally, bent toward the inside and outside, and for sustaining the load of the bottom; and a plurality of sustaining lines, disposed at both ends of the bottom surface, respectively, connected between two apexes meeting with the foldable line and another apexes adjacent to them wherein the main axis is connected to at least one of the sustaining lines of each apex meeting with the foldable line to disperse the load, thereby to maintain the original form of the cup more longer by easily dispersing load of the contents.

IPC 8 full level
A47G 19/22 (2006.01); **B65D 3/06** (2006.01); **B65D 5/36** (2006.01); **B65D 85/816** (2006.01); **A45F 3/20** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
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• See references of WO 2015125994A1

Designated contracting state (EPC)
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