

Title (en)
Composite cup structures

Title (de)
Verbundbecherstrukturen

Title (fr)
Structures de gobelet composite

Publication
EP 2803598 A1 20141119 (EN)

Application
EP 13167498 A 20130513

Priority
EP 13167498 A 20130513

Abstract (en)
An improved composite cup structure comprising: an inner plastic cup (1) and an outer paper cup (2). The composite cup is manufactured from paper and plastics by a ratio of 7:3. The rims of both inner plastic cup (1) and outer paper cup (2) are provided with outwards curled edges (11, 21). The curled edge (11) of the inner plastic cup (1) is slightly larger than that of the outer paper cup, and a flat surface (F) is formed on the top. An extension member (12) is formed on the curled edge of the inner cup. The extension member (12) contributes to the separation of inner and outer cups (1, 2) for classification and recycling.

IPC 8 full level
B65D 81/38 (2006.01); **B65D 25/54** (2006.01)

CPC (source: EP)
B65D 25/54 (2013.01); **B65D 81/3869** (2013.01); **B65D 81/3874** (2013.01); **B65D 2565/385** (2013.01)

Citation (search report)

- [A] DE 202005014177 U1 20051117 - SEDA SPA [IT]
- [A] DE 202004005114 U1 20050818 - EUL & GUENTHER GMBH [DE]
- [A] US 2005115975 A1 20050602 - SMITH STEPHEN A [US], et al

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WO2020152411A1; FR3091856A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2803598 A1 20141119; EP 2803598 B1 20161228; DK 2803598 T3 20170403; ES 2618890 T3 20170622; HU E032500 T2 20170928; PL 2803598 T3 20170731; PT 2803598 T 20170330

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