

Title (en)
Capsule for infusion products

Title (de)
Kapsel für Infusionsprodukte

Title (fr)
Capsule pour produits à infuser

Publication
EP 2465793 A1 20120620 (EN)

Application
EP 11194715 A 20111220

Priority
IT BO20100745 A 20101220

Abstract (en)
The capsule for infusion products (1) comprises a cup-shaped structure (2) made of plastic material defined by a bottom wall (4) provided with through holes (13) and by a side wall (3), and a lid (21) made of plastic material arranged so as to close said cup-shaped structure (2) and presenting a peripheral edge (25) welded by means of an ultrasonic welding device upon an upper part (6) of the above said side wall (3). The upper part (6) of said side wall (3) presents from the bottom towards the top a first annular section (16) and a second annular section (17) of an external diameter smaller than the one of said first section (16). The peripheral edge (25) of the lid presents a first annular section (26) facing the second section (17) of the upper portion (6) and a second annular section (27) folded downwards and facing the first section (16) of the upper portion (6) so as to constitute an holding organ of possible molten material deriving from the welding between said first section (26) of the peripheral edge (25) and the second section (17) of the upper portion (6).

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP US)
B65D 85/8043 (2013.01 - EP US); **B65D 65/466** (2013.01 - EP)

Citation (applicant)
• WO 2010134036 A1 20101125 - TORREFAZIONE MOKADOR S R L [IT], et al
• WO 2010115970 A1 20101014 - MITACA SRL [IT], et al
• WO 2010139575 A1 20101209 - MITACA SRL [IT], et al
• WO 2004087529 A1 20041014 - HAUSBRANDT TRIESTE 1892 SPA [IT], et al
• EP 1767467 A1 20070328 - ILLYCAFFE SPA [IT]

Citation (search report)
• [A] WO 2004087529 A1 20041014 - HAUSBRANDT TRIESTE 1892 SPA [IT], et al
• [A] EP 1767467 A1 20070328 - ILLYCAFFE SPA [IT]
• [A] WO 2010134036 A1 20101125 - TORREFAZIONE MOKADOR S R L [IT], et al
• [A] WO 2010115970 A1 20101014 - MITACA SRL [IT], et al
• [A] WO 2010139575 A1 20101209 - MITACA SRL [IT], et al

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IT202000000295A1; CN106028885A; ITTO20121125A1; RU2621958C2; EP2889223A1; CN106029506A; KR20160108360A; AU2014372840B2; USD969547S; US9957102B2; EP2889225A1; CN104768857A; CN105531204A; CN105980255A; KR20160108370A; EP3190066A1; WO2015096989A1; WO2014097039A1; WO2015096990A1; WO2015128799A1; EP2889224A1; EP2966006A1; LU92497B1; KR20160108371A; CN106061848A; JP2017508674A; AU2015203869B2; RU2664314C2; AU2014372756B2; CN110091511A; ITMO20140352A1; WO2014061045A1; WO2014061046A1; WO2015096991A1; EP3110721B1

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