

Title (en)
ICE BAGGING APPARATUS AND METHODS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR VERPACKUNG VON EIS

Title (fr)
APPAREIL ET PROCÉDÉS D'ENSACHAGE DE GLACE

Publication
EP 2694376 A4 20140924 (EN)

Application
EP 12763804 A 20120323

Priority
• US 201113078501 A 20110401
• US 2012030245 W 20120323

Abstract (en)
[origin: US2012247066A1] An ice vending apparatus adapted to remove moisture from ice pieces during dispensing, which apparatus includes a ramp having a lower lip and being adapted to transfer a quantity of ice pieces from a holding vessel to a container; and a channel having an upwardly facing opening that is in operative association with the ramp and arranged so that moisture is adapted to flow around the lower lip of the ramp into the channel while excluding the ice pieces so as to separate at least a portion of the moisture from the ice pieces as the ice pieces are transferred to the container. Methods of providing ice pieces, particularly with reduction of associated moisture to a consumer, are also described.

IPC 8 full level
B65B 1/04 (2006.01); **B65B 43/26** (2006.01); **B65B 43/42** (2006.01); **F25C 5/00** (2006.01)

CPC (source: EP US)
F25C 5/20 (2017.12 - EP US)

Citation (search report)
• [XY] JP 2003042608 A 20030213 - MATSUSHITA REFRIGERATION & DATABASE WPI Week 200320, Derwent World Patents Index; AN 2003-207493
• [IA] US 2007119202 A1 20070531 - KADOWAKI SHIZUMA [JP], et al
• [IA] US 2007079627 A1 20070412 - BROADBENT JOHN A [US], et al
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• [YA] US 2002175055 A1 20021128 - RYDE RONALD FREDRICK [CA]
• See references of WO 2012134978A2

Designated contracting state (EPC)
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