

Title (en)
A freezing mould bag

Title (de)
Gefrierformbeutel

Title (fr)
Poche moulante de congélation

Publication
EP 0825122 B1 20011107 (EN)

Application
EP 97115883 A 19920303

Priority
• DK 38691 A 19910305
• EP 94103337 A 19920303
• EP 92907131 A 19920303

Abstract (en)
[origin: EP0616948A1] A freezing mould bag (10) comprises two sheets (12, 14) which are joined together in substantially overlapping relationship along the periphery of the sheets, defining a plurality of mould compartments (24) within the interior of the freezing mould bag. An inlet channel defined by joints (28, 30, 32) extends from the mould compartments (24) to an inlet opening (26). Two closure valve flaps (16, 18) are connected to the sheets (12, 14) at the inlet opening (26) and extend from the inlet opening within the inlet channel. The inlet channel comprises a first and a second segment, which first segment is of a configuration tapering from the inlet opening (26) towards the mould compartments, and which second segment has dimensions so as to to no substantial extent hinder liquid or water from flowing through the second segment. At the transition between the first and the second segment of the inlet channel, a constriction is defined, serving the purpose of generating a venturi effect for generating a relative pressure drop within the constriction for closing the inlet channel at the constriction as liquid or water is flowing from the second segment of the inlet channel through the constriction towards the first segment. <IMAGE> <IMAGE>

IPC 1-7
B65D 1/00; **F25C 1/24**; **B65D 30/24**

IPC 8 full level
B65D 1/00 (2006.01); **B65D 30/24** (2006.01); **B65D 75/34** (2006.01); **F25C 1/04** (2006.01); **F25C 1/24** (2006.01); **F25C 1/243** (2018.01)

CPC (source: EP)
B65D 31/145 (2013.01); **F25C 1/243** (2013.01)

Cited by
US9919848B2; WO0204317A1; EP1696192A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0616948 A1 19940928; **EP 0616948 B1 19980923**; AT E171432 T1 19981015; AT E208319 T1 20011115; DE 69227124 D1 19981029; DE 69227124 T2 19990610; DE 69227124 T4 20051020; DE 69232195 D1 20011213; DE 69232195 T2 20031002; DK 0616948 T3 19990614; DK 0825122 T3 20020218; DK 38691 D0 19910305; EP 0825122 A2 19980225; EP 0825122 A3 19990120; EP 0825122 B1 20011107

DOCDB simple family (application)
EP 94103337 A 19920303; AT 94103337 T 19920303; AT 97115883 T 19920303; DE 69227124 A 19920303; DE 69227124 T 19920303; DE 69232195 T 19920303; DK 38691 A 19910305; DK 94103337 T 19920303; DK 97115883 T 19920303; EP 97115883 A 19920303