

Title (en)
CLOSURE MEMBER

Title (de)
VERSCHLUSSELEMENT

Title (fr)
ELEMENT DE FERMETURE

Publication
EP 3892566 A1 20211013 (EN)

Application
EP 20168466 A 20200407

Priority
EP 20168466 A 20200407

Abstract (en)
A closure member (1) comprises a skirt (11), extending in a circumferential and an axial direction. A predetermined rupture line (111) extends on the skirt from a first endpoint (112) to a second endpoint (113), wherein the first and second endpoints are axially offset from each other and the predetermined rupture line extending more than 360° circumferentially. The predetermined rupture line subdivides the closure member into a cap portion (101), a terminal ring portion (102) and a tether portion (103) defined between the circumferentially overlapping portions of the predetermined rupture line. The predetermined rupture line has a first circumferential portion (I) extending from the first endpoint (112) of the predetermined rupture line adjacent the cap portion (101) and extending circumferentially over 360 degrees and a second circumferential portion (II) extending from the first circumferential portion (I) to the second endpoint (113) of the predetermined rupture line adjacent the terminal ring portion (102). The mechanical strength per unit length in the first circumferential portion (I) of the predetermined rupture line (111) is smaller than the mechanical strength per unit length in the second circumferential portion (II) of the predetermined rupture line.

IPC 8 full level
B65D 41/34 (2006.01); **B65D 55/16** (2006.01)

CPC (source: EP)
B65D 41/3428 (2013.01); **B65D 55/16** (2013.01); **B65D 2401/30** (2020.05); **B65D 2401/35** (2020.05); **B65D 2401/40** (2020.05)

Citation (applicant)
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• US 4394918 A 19830726 - GRUSSEN JEAN [FR]
• US 2018370701 A1 20181227 - MAGUIRE MICHAEL JOSEPH [US]
• JP 2017119538 A 20170706 - KAWASAKI MICHIO
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Citation (search report)
• [XAYI] EP 1961669 A2 20080827 - BERMAN RONALD H [US]
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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

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