

Title (en)
PEEL SEAL TUBE CLOSURE

Title (de)
TUBENVERSCHLUSS MIT ABZIEHDICHTUNG

Title (fr)
FERMETURE DE TUBE À OPERCULE PELABLE

Publication
EP 4084948 A4 20240103 (EN)

Application
EP 19958639 A 20191231

Priority
CN 2019130522 W 20191231

Abstract (en)
[origin: WO2021134486A1] A tube (2) for a medical fluid container comprising a tube seal whereby the tube (2) is releasably closed in at least one section, wherein the closed section is obtained by pressing opposing sides of the tube (2) together so that the inner walls of the lumen are in direct contact with each other and the walls are welded together, characterized in that the pinch force to open the seal is below 100 N. Also disclosed are a method of manufacturing a tube seal, a medical fluid container and a hand tool for opening a tube seal.

IPC 8 full level
B29C 65/76 (2006.01); **A61J 1/00** (2023.01); **A61J 1/20** (2006.01); **B29C 65/02** (2006.01); **B65D 33/16** (2006.01)

CPC (source: EP)
A61J 1/2024 (2015.05); **A61M 39/221** (2013.01); **B29C 65/02** (2013.01); **B29C 65/76** (2013.01); **B29C 66/1122** (2013.01); **B29C 66/4312** (2013.01); **A61J 1/10** (2013.01); **A61M 2207/00** (2013.01); **B29C 65/04** (2013.01); **B29C 65/08** (2013.01); **B29C 66/857** (2013.01); **B29L 2023/007** (2013.01); **B29L 2031/7148** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2021134486A1

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

DOCDB simple family (publication)
WO 2021134486 A1 20210708; CN 114929460 A 20220819; EP 4084948 A1 20221109; EP 4084948 A4 20240103

DOCDB simple family (application)
CN 2019130522 W 20191231; CN 201980103355 A 20191231; EP 19958639 A 20191231