

Title (en)

METHOD AND DEVICE FOR FITTING VALVE SACKS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUFSTECKEN VON VENTILSÄCKEN

Title (fr)

DISPOSITIF ET PROCEDE DE FIXATION DE SACS D'AERATION

Publication

**EP 3181462 B1 20190724 (DE)**

Application

**EP 15003610 A 20151217**

Priority

EP 15003610 A 20151217

IPC 8 full level

**B65B 43/18** (2006.01); **B65B 1/18** (2006.01); **B65B 3/17** (2006.01); **B65B 43/26** (2006.01); **B65B 43/44** (2006.01); **B65H 1/06** (2006.01); **B65H 3/08** (2006.01)

CPC (source: EP)

**B65B 1/18** (2013.01); **B65B 3/17** (2013.01); **B65B 43/18** (2013.01); **B65B 43/262** (2013.01); **B65B 43/44** (2013.01); **B65H 3/0866** (2013.01); **B65H 5/023** (2013.01); **B65H 5/062** (2013.01); **B65H 2301/33212** (2013.01); **B65H 2301/33222** (2013.01); **B65H 2404/1441** (2013.01); **B65H 2701/191** (2013.01)

Citation (examination)

- DE 2704137 A1 19780803 - NATRONAG PAPIERPROD GMBH
- EP 0009521 A1 19800416 - NICCOLLS PETER JOHN
- US 3566578 A 19710302 - THORNE JOHN C, et al

Cited by

CN112010064A; CH714198A1; CN110065673A; CN117302659A; US10919658B2

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)

**EP 3181462 A1 20170621**; **EP 3181462 B1 20190724**; ES 2750557 T3 20200326

DOCDB simple family (application)

**EP 15003610 A 20151217**; ES 15003610 T 20151217