

Title (en)  
A SEALING DEVICE

Title (de)  
ABDICHTUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ÉTANCHÉITÉ

Publication  
**EP 3642123 A1 20200429 (EN)**

Application  
**EP 18728573 A 20180525**

Priority  
• CN 201720735051 U 20170623  
• EP 2018063814 W 20180525

Abstract (en)  
[origin: WO2018233978A1] The present disclosure concerns a sealing device that consists of a base (1) and a cover (2), and it has the following characteristics: The base's upper end has a mating hole (2) with internal thread, the cover's lower end has an extension part with external thread. The base and the cover are connected through thread on the mating hole and the extension part. The extension part has an internal baffle (8), and there is a lug (11) on the baffle. The cover's lower end face has a ring slot, in which a seal ring (5) is placed; edge of the base's upper end has a lower connecting hole (9), and the cover's upper end face has an upper connecting hole (6). The upper connecting hole and the lower connecting hole are connected by a connecting piece. This solution can effectively seal up the mating hole, prevent the materials within it from suffering external contaminants, thus increasing the logistical safety and reliability.

IPC 8 full level  
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CPC (source: EP)  
**B65D 5/746** (2013.01); **B65D 39/084** (2013.01); **B65D 55/06** (2013.01); **B65D 75/5877** (2013.01)

Citation (search report)  
See references of WO 2018233978A1

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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

DOCDB simple family (publication)  
**WO 2018233978 A1 20181227**; CN 206857293 U 20180109; EP 3642123 A1 20200429; EP 3642123 B1 20210317; ES 2875408 T3 20211110

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