

Title (en)
PARTITION CAPABLE OF CONTROLLING LENGTH

Title (de)
TRENNWAND ZUR LÄNGENKONTROLLE

Title (fr)
PAROI DE SÉPARATION À LONGUEUR AJUSTABLE

Publication
EP 2684490 A4 20140813 (EN)

Application
EP 11860128 A 20110701

Priority
• KR 20110020614 A 20110308
• KR 2011004829 W 20110701

Abstract (en)
[origin: EP2684490A1] There is provided a length-adjustable partition capable of being extended or contracted by including two or more panels and overlapping them and capable of freely being used in various sizes of containers by being supported by an inner wall surface of a container by using supporting members provided at both ends. The length-adjustable partition includes a first panel, a second panel that is overlapped with at least a part of the first panel and comes in slide contact with the first panel, a first rail that is formed at any one of the first panel and the second panel and includes a plurality of first gear teeth arranged in a direction parallel to a sliding movement direction of the first panel and the second panel, and a first stopper that is formed at the other one of the first panel and the second panel so as to correspond to the first rail and includes first fixing protrusions inserted into the first gear teeth and a first elastic portion that provides an elastic force to cause the first fixing protrusions to be inserted into the first gear teeth. A size of the first panel and the second panel is adjusted to adjust a length of the partition.

IPC 8 full level
A47B 88/20 (2006.01)

CPC (source: EP KR US)
A47B 88/975 (2016.12 - KR); **A47B 88/994** (2016.12 - KR US); **B65D 25/06** (2013.01 - EP KR)

Citation (search report)
• [X] DE 8520125 U1 19860130
• [X] US 2009250583 A1 20091008 - LIU CHIA-HSIN [TW], et al
• [A] US 2003137227 A1 20030724 - HOENIG PETER [CA]
• [E] US 2013020270 A1 20130124 - VALIULIS THOMAS E [US], et al
• See references of WO 2012121453A1

Cited by
EP3763229A1; CN106766629A; CN106766630A; US10219623B1; WO2021094299A1

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

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