

Title (en)

Anti-bottoming device for a flexible support

Title (de)

Vorrichtung zur Verhinderung von zu starker Kompression einer Matte

Title (fr)

Dispositif anti-talonnement d'un support souple

Publication

**EP 1716835 A1 20061102 (FR)**

Application

**EP 05300363 A 20050510**

Priority

- EP 05300331 A 20050427
- EP 05300363 A 20050510

Abstract (en)

The device has an upper wall (3), and lower wall (2), where the lower wall includes a printed circuit board on its face. A grid is interposed between the walls and includes ring shaped units (40), where each unit is surmounted by a button (5). The lower wall is provided with emitting unit and the upper wall is provided with a receiving unit, where the emitting and receiving units measure the distance that separates the upper and lower walls to emit a signal when distance reaches a threshold value.

IPC 8 full level

**A61G 7/057** (2006.01); **A61G 5/10** (2006.01)

CPC (source: EP)

**A61G 5/1045** (2016.10); **A61G 7/05776** (2013.01); **A61G 2203/34** (2013.01); **A61G 2203/40** (2013.01)

Citation (search report)

- [X] FR 2718347 A1 19951013 - SUPPORT SYSTEMS INTERNATIONAL [FR]
- [XY] US 5815864 A 19981006 - SLOOP DAVID J [US]
- [Y] US 5176424 A 19930105 - TOBITA KOJI [JP], et al

Cited by

US11266556B2; US8950768B2; WO2017194037A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1716835 A1 20061102**

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