

Title (en)
MEDICAL AIR MATTRESS

Title (de)
MEDIZINISCHE LUFTMATRATZE

Title (fr)
MATELAS D'AIR MÉDICAL

Publication
EP 2535029 A1 20121219 (EN)

Application
EP 11170166 A 20110616

Priority
EP 11170166 A 20110616

Abstract (en)
A medical air mattress has a mattress body (30), a lower bedspread (10), an upper bedspread (50) and a guardrail unit (60). The mattress body (30) is formed by multiple air cells parallelly arranged in an air cell row. The upper bedspread (50) covers the mattress body (30) and has two guardrail sleeves (52) formed on the upper bedspread (50). The guardrail unit (60) has multiple guardrail air cells (61) mounted respectively in the guardrail sleeves (52). Since the guardrail sleeves (52) are formed on the upper bedspread (50), the guardrail sleeves (52) from each opposite side of the upper bedspread (50) will draw each other to maintain the guardrail sleeves (52) in position when pressed. Therefore, the guardrail sleeves (52) do not fall down when pressed to remain providing optimal protection purpose.

IPC 8 full level
A61G 7/057 (2006.01); **A61G 7/05** (2006.01)

CPC (source: EP)
A61G 7/001 (2013.01); **A61G 7/05776** (2013.01); **A61G 7/0525** (2013.01); **A61G 2210/90** (2013.01)

Citation (search report)

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- [I] WO 0238099 A2 20020516 - TEMPUR WORLD INC [US], et al
- [A] US 2002170117 A1 20021121 - FLICK ROLAND E [US], et al
- [A] GB 2469540 A 20101020 - OUTRAM FRANCIS WILLIAM [GB]

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CN103989562A; CN107496118A; CN115381647A; CN115252302A; CN113928485A; EP3868348A1; WO2023109133A1

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

Designated extension state (EPC)
BA ME

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EP 2535029 A1 20121219; **EP 2535029 B1 20161102**; **EP 2535029 B8 20170607**; ES 2614112 T3 20170529; PL 2535029 T3 20170731

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