

Title (en)
LOWER GARMENT DRESSER

Title (de)
UNTERKLEIDUNGSABRICHTGERÄT

Title (fr)
DISPOSITIF D'HABILLAGE POUR VÊTEMENTS DE BAS DE CORPS

Publication
EP 4157185 A4 20240605 (EN)

Application
EP 21812365 A 20210518

Priority
• US 202063030324 P 20200527
• CN 2021094415 W 20210518

Abstract (en)
[origin: WO2021238727A1] A lower garment dresser for automatic dressing or tele-controlled removal or wearing of pants (100) or other lower body garments includes at least two systems: an interleaf cushion bed (300) with cushions (302) or air bags that can be selectively raised, inflated, lowered or deflated, and multiple robotic arms or grabbers (402a, 402b) for grabbing a portion of the lower body garment; whereupon pulling down or pulling up the lower body garment, selective cushions (302) or air bags will be temporarily deflated to match position of the robotic arms or grabbers (402a,402b) and to create a gap where the lower body garment can be removed or put on without being pinched against the cushion (302).

IPC 8 full level
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CPC (source: EP)
A47G 25/90 (2013.01); **A47G 25/905** (2013.01); **A41D 1/06** (2013.01); **A41D 2300/33** (2013.01); **A41D 2400/44** (2013.01)

Citation (search report)
• [Y] WO 2019174579 A1 20190919 - LEE KA SHEK NEVILLE [CN], et al
• [Y] CN 107802436 A 20180316 - UNIV HENAN SCIENCE & TECH
• [A] CN 108523597 A 20180914 - YU DEXUAN
• See also references of WO 2021238727A1

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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