

Title (en)
Joint assembly

Title (de)
Gelenkanordnung

Title (fr)
Agencement d'articulation

Publication
EP 2213424 A3 20111012 (DE)

Application
EP 09013656 A 20091030

Priority
DE 102009006669 A 20090129

Abstract (en)
[origin: EP2213424A2] The assembly (20) has a cardan joint (21) with joint pieces (22, 23) pivoting around respective pivot axes (25, 26). One of the joint pieces is attached to holder parts (11, 12). The other joint piece includes a locking unit or detent recess at ends facing the holder parts. The holder parts engage into the locking unit or detent recess in a locking position. The former joint piece passes through the locking unit or detent recess. A locking unit's region facing the detent recess is rounded and designed in a ball shape. A sleeve is provided in a hollow space in the locking unit.

IPC 8 full level
B25G 3/38 (2006.01); **A47L 13/258** (2006.01)

CPC (source: EP)
A47L 13/258 (2013.01); **B25G 3/38** (2013.01)

Citation (search report)

- [X] EP 1033105 A2 20000906 - STEFANI SAMUEL [DE]
- [X] EP 0568110 A2 19931103 - HYGIENE TECHNIK INC [CA]
- [XA] DE 19937697 C1 20010104 - PFENNIG HERBERT [DE]
- [XA] US 2003009839 A1 20030116 - STREUTKER ALEN DAVID [US], et al
- [A] DE 102005032488 A1 20070111 - KAERCHER GMBH & CO KG ALFRED [DE]

Cited by
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Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2213424 A2 20100804; EP 2213424 A3 20111012; EP 2213424 B1 20130424; EP 2213424 B2 20200923; DE 102009006669 A1 20100819

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EP 09013656 A 20091030; DE 102009006669 A 20090129