

Title (en)

ANTI-JAMMING GUIDED ROLLER WHEEL

Title (de)

GEFÜHRTES ROLLENRAD MIT EINKLEMMSCHUTZ

Title (fr)

GALET DE ROULEMENT GUIDÉ ANTI-COINCEMENT

Publication

EP 3508674 A4 20190918 (EN)

Application

EP 17845294 A 20170823

Priority

- CN 201620999786 U 20160830
- CN 2017098651 W 20170823

Abstract (en)

[origin: EP3508674A1] The present invention discloses an anti-sticking pulley device, which comprises a pulley mounting block; a first pulley and a second pulley, being mounted on two sides of the pulley mounting block; a first guide groove, being disposed around the outer circumference of the first pulley, wherein the first pulley can slide on a first guide rail; and a second guide groove, being disposed around the outer circumference of the second pulley, wherein the second pulley can slide on a second guide rail; wherein the width of the first guide groove is wider than the width of the second guide groove. The anti-sticking pulley device can prevent the pulleys from being stuck with a simple structure.

IPC 8 full level

E05D 13/00 (2006.01); **E05D 15/06** (2006.01)

CPC (source: EP)

E05D 15/063 (2013.01); **E05D 15/0665** (2013.01); **E05Y 2201/636** (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2201/688** (2013.01); **E05Y 2800/404** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XY] WO 9829629 A2 19980709 - GEZE GMBH & CO [DE]
- [IA] EP 1748135 A2 20070131 - TORTEC BRANDSCHUTZTOR GMBH [AT]
- [IA] DE 19620045 C1 19971016 - GOLDBECK GMBH [DE]
- [IA] AU 555218 B2 19860918 - VUCIC M
- [YA] CN 104033060 A 20140910 - XU JIANGDE
- See also references of WO 2018040992A1

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

DOCDB simple family (publication)

EP 3508674 A1 20190710; **EP 3508674 A4 20190918**; **EP 3508674 B1 20231025**; **EP 3508674 C0 20231025**; CN 206016515 U 20170315; ES 2966113 T3 20240418; WO 2018040992 A1 20180308

DOCDB simple family (application)

EP 17845294 A 20170823; CN 201620999786 U 20160830; CN 2017098651 W 20170823; ES 17845294 T 20170823