

Title (en)
FALSE TWISTER SPINDLE AND FALSE TWISTER

Title (de)
FALSCHDRALLSPINDEL UND FALSCHDRALLEINHEIT

Title (fr)
BROCHE DE DISPOSITIF FAUSSE TORSION ET DISPOSITIF FAUSSE TORSION

Publication
EP 3031963 A4 20170322 (DE)

Application
EP 14826580 A 20140701

Priority
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Abstract (en)
[origin: CN104294432A] The invention provides a false twister spindle and a false twister. The false twister spindle comprises a mandrel, a bearing surrounding the mandrel, and an electromotor located on one side of the bearing and driving the mandrel to rotate in the circumferential direction. The bearing comprises an outer bearing ring radially surrounding the mandrel. A shell of the electromotor is provided with a connecting ring connected with the outer bearing ring. The outer bearing ring is at least divided into a first part and a second part in the axial direction, the external diameter of the second part is the maximum external diameter of the outer bearing ring, the first part is sleeved with the connecting ring, and the external diameter of the connecting ring is not larger than that of the second part. The first part of the outer bearing ring is sleeved with the connecting ring, the external diameter of the connecting ring is not larger than that of the second part, and the connecting ring cannot prevent the false twister spindle from being installed in a base hole of the false twister in the axial direction of the mandrel.

IPC 8 full level
D02G 1/06 (2006.01); **D01H 1/11** (2006.01)

CPC (source: CN EP)
D01H 1/11 (2013.01 - EP); **D02G 1/06** (2013.01 - CN EP)

Citation (search report)
• [A] GB 1310124 A 19730314 - KUGELFISCHER G SCHAEFER & CO
• [A] DE 3702530 A1 19870730 - CSU LTD [JP]
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• [A] EP 2295621 A1 20110316 - SCHAEFFLER TECHNOLOGIES GMBH [DE]
• [A] WO 2006005389 A1 20060119 - TEXPARTS GMBH [DE], et al
• See references of WO 2015007157A1

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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