

Title (en)

UTILITY POLE WITH SHEAR OFF COUPLING ASSEMBLY

Title (de)

STROMMAST MIT ABSCHERENDER KUPPLUNGSANORDNUNG

Title (fr)

POTEAU DE SERVICES PUBLICS AVEC ENSEMBLE DE COUPLAGE À CISAILLEMENT

Publication

EP 3081695 A1 20161019 (EN)

Application

EP 16165139 A 20160413

Priority

NL 1041270 A 20150413

Abstract (en)

Utility pole, having a longitudinal direction and a radial direction, and comprising a base, a column and a coupling assembly for connecting the column to the base in a separable manner. The coupling assembly comprises a recessed first end portion provided at an upper end of the base, a recessed second end portion provided at a lower end of the column, and a plurality of holding elements for coupling the first and second end portions to each other. Each holding element comprises a first formation, a second formation and a base part to interconnect said formations in the longitudinal direction. The first and second formation are arranged to fit in a recess of the first and second end portion respectively, and to be releasable therefrom in radial outward direction. The recesses of the first and second end portion are dimensioned and arranged to extend within a contour of the base and column, in radial direction.

IPC 8 full level

E01F 9/635 (2016.01)

CPC (source: EP)

E01F 9/635 (2016.02)

Citation (applicant)

- EP 2400060 A1 20111228 - HUNTER DOUGLAS IND BV [NL]
- EP 1741832 A1 20070110 - ALCOA NEDERLAND BV [NL]
- GB 1087073 A 19671011 - TURNER PHILIP WILSON
- EP 2014850 A1 20090114 - SAPA PROFILES NL B V [NL]

Citation (search report)

- [AD] EP 2014850 A1 20090114 - SAPA PROFILES NL B V [NL]
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- [A] US 5481835 A 19960109 - BLOOM JEFFREY A [US]

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CN111065779A; US10435911B2; WO2019040466A1; WO2024013269A1; NL2032450B1

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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