

Title (en)

Fixing element for connecting urban objects such as bollards with and without lighting, street furniture, street signs, playground devices and similar with an embedded anchoring sleeve in the ground

Title (de)

Befestigungselement zum Verbinden von öffentlichen Gegenständen wie Poller mit und ohne Beleuchtung, Strassenmobiliar, Strassenschilder, Spielplatzgeräte u. dgl. mit einer im Boden eingesetzten Einbetthülse

Title (fr)

Élément de fixation destiné à raccorder des objets urbains, comme des poteaux avec et sans éclairage, du mobilier urbain, des panneaux de signalisation, du mobilier de terrain de jeux pour enfants et analogues, à l'aide d'un manchon d'ancrage installé dans le sol

Publication

EP 2039834 B1 20121114 (DE)

Application

EP 08016349 A 20080917

Priority

- DE 102007044520 A 20070918
- DE 102008045788 A 20080905

Abstract (en)

[origin: EP2039834A1] The fastening element (1) has an embedding sleeve inserted in a ground. Two-part connection piece (1a) contains an insertion part (5) projecting in an opening of an object such as bollard, street furniture, street sign and playground equipment. A holding piece (6) is locked in an embedding sleeve and is fixed between a flexible buffer (7) that is made from polyurethane and the insertion part.

IPC 8 full level

E01F 9/017 (2006.01); **E01F 9/627** (2016.01)

CPC (source: EP)

E01F 9/629 (2016.02); **E01F 9/685** (2016.02); **E01F 15/003** (2013.01)

Cited by

WO2018032544A1; EP2363533A2; DE202010003156U1

Designated contracting state (EPC)

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Designated extension state (EPC)

RS

DOCDB simple family (publication)

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