

Title (en)

STREET FURNITURE FOR AIR CLEANING IN OPEN SPACES

Title (de)

STRASSENMÖBEL ZUR LUFTREINIGUNG IM FREIEN

Title (fr)

MOBILIER ROUTIÈRE POUR L'ÉPURATION DE L'AIR DANS DES ESPACES OUVERTS

Publication

**EP 3318672 A1 20180509 (EN)**

Application

**EP 16197676 A 20161108**

Priority

EP 16197676 A 20161108

Abstract (en)

Street furniture, such as a bench (10), an advertising board or a bill board (100), a lamp post (150), a railing, a wall mounted unit, a sun shade and a sound barrier comprising an air cleaning unit (120, 140, 160) integrated with the street furniture wherein the unit comprises an air cleaning device capable of drawing ambient air into the unit and a source of emitting cleaned air from the air cleaning device to the air surrounding the street furniture.

IPC 8 full level

**E01C 1/00** (2006.01); **E01F 8/00** (2006.01); **E01F 9/658** (2016.01); **F24F 8/108** (2021.01)

CPC (source: EP US)

**E01C 1/005** (2013.01 - EP); **E01F 8/00** (2013.01 - EP); **E01F 9/658** (2016.02 - EP); **F24F 8/10** (2021.01 - EP); **F24F 8/108** (2021.01 - EP US); **F24F 8/99** (2021.01 - EP)

Citation (search report)

- [XA] DE 202011001466 U1 20110317 - BRUENER MICHAEL [DE], et al
- [XI] FR 2787176 A1 20000616 - ASTORGA MARC [FR]
- [A] US 6500387 B1 20021231 - BIGELOW WIL [US]

Cited by

LU101733B1; WO2021204906A1; DE102019116676B4

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 3318672 A1 20180509**; CN 110023567 A 20190716; WO 2018087068 A1 20180517

DOCDB simple family (application)

**EP 16197676 A 20161108**; CN 201780073944 A 20171107; EP 2017078424 W 20171107