

Title (en)

ROAD GUTTER HAVING DUST COLLECTION FUNCTION

Title (de)

STRASSEN Rinne mit Staubsammel-Funktion

Title (fr)

Caniveau ayant une fonction de collecte de poussière

Publication

**EP 3786376 A1 20210303 (EN)**

Application

**EP 19796905 A 20190430**

Priority

- CN 201810417044 A 20180503
- CN 2019085353 W 20190430

Abstract (en)

The invention discloses a road dust collection and drainage canal, wherein a road edge of a road surface is provided with a dust collection and drainage canal which is composed of a U-shaped drainage ditch adjacent to the road edge and a cover cap that covers the drainage ditch, a left end of the cover cap forms a dust absorption cavity with a platform on a left wall of the U-shaped drainage ditch in a suspended manner, a right end of the cover cap is sealed with a platform on a right wall of the U-shaped drainage ditch and one of step facades, and dust and debris on a road get into and fall into a bottom of the U-shaped drainage ditch from the dust absorption cavity under driving of an external force. The road dust collection and drainage canal can effectively reduce a dust load of the road, and guarantees a driving safety and a pedestrian safety.

IPC 8 full level

**E03F 5/04** (2006.01); **E01C 11/22** (2006.01)

CPC (source: CN EP KR RU US)

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Cited by

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BA ME

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