

Title (en)

SCOUR PREVENTIVE APPARATUS FOR PIER FOUNDATION

Title (de)

VORRICHTUNG ZUR VERHINDERUNG VON ABSCHEUERN FÜR EINE PFEILERGRÜNDUNG

Title (fr)

APPAREIL PERMETTANT DE SE PASSER D'AFFOUILLEMENT POUR DES FONDATIONS SUR PILES

Publication

**EP 2270283 A4 20130320 (EN)**

Application

**EP 09719723 A 20090312**

Priority

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Abstract (en)

[origin: EP2270283A2] A scour preventive apparatus for a pier foundation according to an exemplary embodiment of the present invention is the scour preventive apparatus for a pier foundation supporting load of the bridge, and may include a cover plate covering the pier foundation and formed of a plurality of holes, a first flow guide plate having a side connected to a surface of the cover plate, disposed apart from the pier foundation by a predetermined distance, and formed of a plurality of first flow holes, a second flow guide plate having a side connected to the surface of the cover plate, disposed apart from the pier foundation by the predetermined distance, and formed of a plurality of second flow holes, and a blocking plate connecting the first flow guide plate with the second flow guide plate and blocking a flow of fluid, wherein the first flow guide plate and the second flow guide plate are symmetrical to each other with respect to the pier foundation.

IPC 8 full level

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2009113817A2

Cited by

NL2017059B1; WO2018004340A1

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