

Title (en)

INTAKE GATE FOR A HYDROELECTRIC POWER PLANT

Title (de)

EINLAUFRECHEN FÜR WASSERKRAFTWERK

Title (fr)

GRILLE D'ENTRÉE POUR UNE CENTRALE HYDROÉLECTRIQUE

Publication

EP 2812495 B1 20170412 (DE)

Application

EP 13704067 A 20130207

Priority

- DE 102012101027 A 20120208
- EP 2013052473 W 20130207

Abstract (en)

[origin: WO2013117668A1] The invention relates to an intake gate of a hydroelectric power plant, comprising bars (8) which are horizontal to the direction of the flow of water or are arranged at a slight angle to the horizontal. According to the invention, said intake gate comprising a cleaning strip (6) which is arranged transverse to the bars (8) and can be moved in the longitudinal direction on the bars (8). At least one combing bar (17, 19) engages by means of its teeth (18) in the intermediate area (13) of the bars (8) and the cleaning strip (6) is designed, on the side facing the flow, to deviate the flow, and comprises in particular bevels and/or rounded sections (20).

IPC 8 full level

E02B 8/02 (2006.01); **E02B 5/08** (2006.01)

CPC (source: EP)

E02B 8/026 (2013.01)

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

DOCDB simple family (publication)

WO 2013117668 A1 20130815; EP 2812495 A1 20141217; EP 2812495 B1 20170412

DOCDB simple family (application)

EP 2013052473 W 20130207; EP 13704067 A 20130207