

Title (en)

A SYSTEM FOR GENERATING ENERGY IN A WATER STREAM

Title (de)

SYSTEM ZUR ERZEUGUNG VON ENERGIE IN EINEM WASSERSTROM

Title (fr)

SYSTÈME DE GÉNÉRATION D'ÉNERGIE DANS UN FLUX D'EAU

Publication

EP 4269785 A1 20231101 (EN)

Application

EP 23170883 A 20230428

Priority

BE 202205319 A 20220429

Abstract (en)

The invention provides a system (100) for generating energy in a water stream (200). The system (100) comprises a water guiding device (110) with a passage (120) for the water stream (200). The system (100) comprises an energy generating device (130) at the passage (120), which is rotatable around a rotation axis (R) by means of the water stream (200) for generating energy. The system (100) comprises a pivoting device (150) arranged for pivoting the energy generating device (130) around a pivot axis (P) with respect to the water guiding device (110) between at least one closed position in which the energy generating device (130) is positioned at the passage (120) for generating energy and an open position in which the energy generating device (130) is positioned for reducing disturbance of the water stream (200). The pivot axis (P) extends along a first non-horizontal direction or along a second horizontal direction transverse to a horizontal normal (N) to a flow direction (F) of the water stream (200).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

WO 2015186086 A1 20151210 - COS B I COSTRUZIONE BOBINE ITALIA S R L [IT]

Citation (search report)

- [XAI] WO 2011025387 A1 20110303 - TIDETEC AS [NO], et al
- [IA] DE 202012007307 U1 20121025 - PRYWEREK KARL HEINZ [DE]
- [A] US 2013320680 A1 20131205 - WANG BEN [TW]
- [AD] WO 2015186086 A1 20151210 - COS B I COSTRUZIONE BOBINE ITALIA S R L [IT]

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