

Title (en)
DEVICE FOR TAPPING ELECTRICAL ENERGY FROM HYDROPOWER

Title (de)
VORRICHTUNG ZUR ENTNAHME VON ELEKTRISCHER ENERGIE AUS WASSERKRAFT

Title (fr)
DISPOSITIF POUR L'EXTRACTION DE PUISSANCE ÉLECTRIQUE D'UNE FORCE HYDRAULIQUE

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Application
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Abstract (en)
[origin: WO2014015446A2] The invention relates to a system (1) for tapping electrical energy from hydropower. The system (1) comprises an energy tapping module (2) designed as a mounting unit. Said energy tapping module contains a drive arrangement, having a plurality of flow organs (8), which can be driven by hydropower in a rotational direction (R), two deflection organs (5, 6) at a distance from one another, around which the drive arrangement is guided in a rotating manner, a power generator (10) for tapping electrical energy from the rotating drive arrangement, a water conduction channel (11) for forming water uptake compartments in co-operation with the flow organs (8), as well as a module frame (24), to which the drive arrangement, the deflection organs (5, 6), the power generator (10) and the water conduction channel (11) are connected. The module frame (24) contains interface means (13), via which the energy tapping module (2) is connected to a substructure (7).

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