

Title (en)
WATER POWER STATIC HEAD MACHINE

Title (de)
WASSERKRAFT-STAUDRUCKMASCHINE

Title (fr)
TURBINE HYDRAULIQUE À PRESSION DE BARRAGE

Publication
EP 2593668 A2 20130522 (DE)

Application
EP 11738388 A 20110714

Priority
• AT 11952010 A 20100714
• AT 2011000300 W 20110714

Abstract (en)
[origin: WO2012006647A2] Water-power ram-pressure machine (1) having at least one rotor (3) which has a hub (4) and blades (5) connected thereto, and which, during operation defines a water level height (d) as the difference between a high-water level (8) and a low-water level (9), having an electrical motor/generator machine (10) which is coupled to the rotor (3), and having a closed-loop control device (11) for closed-loop control of the high-water level (8), which closed-loop control device (11) is connected to the motor/generator machine (10), in order to provide closed-loop control for the rotation speed (n1) of the rotor (3), in order to maintain a predetermined high-water level (8), by closed-loop control of the braking torque of the motor/generator machine (10).

IPC 8 full level
F03B 15/14 (2006.01); **F03B 7/00** (2006.01)

CPC (source: AT EP)
F03B 7/00 (2013.01 - EP); **F03B 15/08** (2013.01 - AT); **F03B 15/14** (2013.01 - AT EP); **H02P 9/04** (2013.01 - AT); **H02P 2101/10** (2015.01 - EP); **Y02E 10/20** (2013.01 - EP)

Citation (search report)
See references of WO 2012006647A2

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