

Title (en)

Gravity-fed basin for a circulating cooling system, particularly in power plants

Title (de)

Kraftschlussbecken für ein Durchlauf-Kühlsystem insbesondere in Kraftwerken

Title (fr)

Bassin alimenté par gravité pour un système de refroidissement continu, notamment dans des centrales électriques

Publication

EP 2275767 A3 20130123 (DE)

Application

EP 10169835 A 20100716

Priority

DE 102009033815 A 20090718

Abstract (en)

[origin: EP2275767A2] The reservoir (1) has rigid partition walls (2, 4) laterally surrounding the reservoir, and a height adjustable weir bedplate (5) provided in a side of the reservoir and in bottom water (12) over cool water. The weir bedplate includes a drain channel (10) that is arranged horizontal or transverse to the weir bedplate, where the drain channel is formed as a drain pipe. The drain channel is formed as an overflow edge for cool water, and is formed upwardly facing longitudinal edges, where the drain channel is provided with outlet openings.

IPC 8 full level

F28F 25/02 (2006.01); **E02B 7/26** (2006.01); **E04H 5/10** (2006.01); **F28B 9/04** (2006.01)

CPC (source: EP)

E02B 7/26 (2013.01); **E04H 5/10** (2013.01); **F28B 9/04** (2013.01); **F28F 25/02** (2013.01); **F28F 2025/005** (2013.01)

Citation (search report)

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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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

DE 102009033815 B3 20100916; **DE 102009033815 B8 20110105**; EP 2275767 A2 20110119; EP 2275767 A3 20130123; EP 2275767 B1 20140507

DOCDB simple family (application)

DE 102009033815 A 20090718; EP 10169835 A 20100716