

Title (en)

HYDRAULIC DEVICE FOR FEEDING AND CONTROLLING A WATER STREAM TOWARDS USERS

Title (de)

HYDRAULISCHE ANORDNUNG ZUM LEITEN UND STEuern EINES WASSERSTROMS IN RICHTUNG VON BENUTZERN

Title (fr)

DISPOSITIF HYDRAULIQUE POUR ALIMENTER ET COMMANDER UN COURANT D'EAU VERS DES UTILISATEURS

Publication

EP 2271970 A1 20110112 (EN)

Application

EP 08763837 A 20080423

Priority

IT 2008000285 W 20080423

Abstract (en)

[origin: WO2009130724A1] A hydraulic device (1) for feeding and controlling a fluid stream towards users, comprising a delivery branch (2) of the stream towards users, a return branch (3) of the stream from users, a measuring instrument (4) of the instantaneous flow rate of the stream in the return branch (3), a first hydraulic path (5) putting the delivery branch (2) in fluid communication with the return branch (3), a shut-off valve (6) placed on the delivery branch (2), which can be operated between a first operating configuration in which it allows the stream to get through the delivery branch (2) so as to reach the users and a second operating configuration in which it diverts the stream from the delivery branch (2) towards the return branch (3) without getting through users, a first balancing valve (10) placed on the delivery branch (2), and a second balancing valve (11) placed on the first hydraulic path (5), wherein the first hydraulic path (5) fits into the return branch (3) upstream, with respect to the flowing direction (R) of the stream in the return branch (3), from the measuring instrument (4).

IPC 8 full level

F24D 3/10 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)

F24D 3/10 (2013.01 - EP); **F24D 19/1024** (2013.01 - EP US)

Citation (search report)

See references of WO 2009130724A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009130724 A1 20091029; CN 102016739 A 20110413; CN 102016739 B 20130424; EP 2271970 A1 20110112; EP 2271970 B1 20150812

DOCDB simple family (application)

IT 2008000285 W 20080423; CN 200880128324 A 20080423; EP 08763837 A 20080423