

Title (en)

METHOD FOR REQUIREMENT-BASED DETERMINATION OF WATER AND/OR NUTRIENT REQUIREMENTS OF INDIVIDUAL TREES, AND WATER RESERVOIR

Title (de)

VERFAHREN ZUR BEDARFSGERECHTEN BESTIMMUNG EINES WASSER- UND/ODER NÄHRSTOFFBEDARFS EINZELNER BÄUME SOWIE WASSERSPEICHER

Title (fr)

PROCÉDÉ POUR DÉTERMINER, EN FONCTION DE LA DEMANDE, UN BESOIN EN EAU ET/OU EN SUBSTANCES NUTRITIVES D'ARBRES INDIVIDUELS, AINSI QUE RÉSERVOIR D'EAU

Publication

EP 4221490 A2 20230809 (DE)

Application

EP 21791262 A 20210930

Priority

- DE 102020125566 A 20200930
- EP 2021077038 W 20210930

Abstract (en)

[origin: WO2022069685A2] The invention relates to a method for requirement-based determination of water and/or nutrient requirements of an individual tree in an urban area, in which method: a plurality of trees are identified in at least one tree database via respective tree data sets; for at least one identified tree, preferably for each of these identified trees, the immediate and/or future water and/or nutrient requirements and/or associated tree-specific supply information are/is determined on the basis of a plurality of measurement and forecast data by means of an EDP unit located remotely from the trees and are/is stored in the tree database or a further database and/or forwarded to a communication unit for the purpose of being output. The invention also relates to a water reservoir for supplying trees in urban environments.

IPC 8 full level

A01G 25/16 (2006.01); **A01G 27/00** (2006.01)

CPC (source: EP)

A01G 7/06 (2013.01); **A01G 25/16** (2013.01); **A01G 27/00** (2013.01)

Citation (search report)

See references of WO 2022069685A2

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020125566 A1 20220331; EP 4221490 A2 20230809; WO 2022069685 A2 20220407; WO 2022069685 A3 20220623

DOCDB simple family (application)

DE 102020125566 A 20200930; EP 2021077038 W 20210930; EP 21791262 A 20210930