

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

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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.

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