

# TREEIB® IP and Patent Notice

Patent and intellectual property information for TREEIB® irrigation bags

**Document purpose.** This document provides procurement-facing information on TREEIB® intellectual property, including patent and trademark information relevant to professional irrigation bags and reservoirs for mature and established urban trees.

## Important note

This document is provided for supplier and procurement information only. It is not legal advice. Contractors and contracting authorities should obtain their own legal or patent advice when assessing equivalence, freedom to operate, or procurement compliance.

## 1. Manufacturer and rights holder

Field	Information
Manufacturer	LEDASCO s.r.o.
Product / brand	TREEIB® irrigation bags and surface irrigation reservoirs
Website	www.treeib.com
Contact	martin@treeib.com
Country of origin	Czech Republic / European Union
Manufacturing	Czech Republic or Slovakia for TREEIB® professional bags, depending on product and production batch

## 2. Product and technology context

TREEIB® is a patented professional irrigation system designed for mature and established trees in urban environments. The system is intended to provide controlled, deep and slow infiltration into the active root zone, especially around the canopy dripline and beyond, where mature trees commonly have fine absorbing roots.

- surface irrigation reservoir / irrigation bag for mature, established and transplanted urban trees;
- large water volumes suitable for professional municipal tree care;
- slow and predictable water release through calibrated outlet geometry;
- placement at or near the canopy dripline, rather than directly around the trunk;

- use in streets, parks, construction sites, paved tree pits and other urban conditions;
- optional municipal branding and technical support for contractors.

### 3. Key patent information

TREEIB® technology is protected by a patent family relating to irrigation bags and bag assemblies for mature, fully-grown and veteran trees, including related methods of tree irrigation. Public patent records identify the European patent as EP3809823B1.

Jurisdiction / publication	Status / note
EP3809823B1	European patent publication for the TREEIB® irrigation bag technology. Public patent records show EP3809823B1 within the patent family.
CZ310066B6	Czech granted patent in the same patent family.
US11991960B2	United States patent granted / issued.
CN217217694U	Chinese utility model publication in the patent family.
AU2019455592A1	Australian application publication / pending according to public patent records.
CA3151795A1	Canadian application publication / pending according to public patent records.

### 4. Functional features protected or associated with the TREEIB® technology

The protected technology and product documentation relate to a purpose-built irrigation bag / reservoir concept for mature trees. The following features are relevant for procurement and equivalence assessments:

- large-capacity surface irrigation bags / reservoirs for mature and established trees;
- placement in the active watering zone at or near the canopy dripline;
- slow release of water into permeable or semi-permeable surfaces;
- simple calibrated openings or related water release arrangements for controlled discharge;
- bag assemblies and methods of use for tree irrigation;
- technical design specifically addressing mature urban trees rather than newly planted saplings only.

### 5. Trademark information

TREEIB® is a registered trademark used for the professional irrigation bag products and related watering method. Company documentation lists trademark registrations in multiple jurisdictions, including the European Union and the United States. Contractors should use the TREEIB® mark only to refer to genuine TREEIB® products supplied or authorized by LEDASCO s.r.o.

## 6. Procurement and equivalence note

Where a tender refers to surface irrigation reservoirs, tree watering bags, watering reservoirs or equivalent functional descriptions, contractors should assess both technical equivalence and legal equivalence. A product may be technically similar but still not lawful to manufacture, offer, sell or supply if it falls within valid patent rights or uses protected marks without authorization.

### Recommended supplier wording

Suppliers offering alternative or equivalent products should verify that the proposed solution meets the same functional performance requirements and does not infringe valid intellectual property rights, including EP3809823B1 and related TREEIB® patent family rights.

## 7. Practical guidance for contractors

- Use TREEIB® only for genuine LEDASCO / authorized TREEIB® products.
- For public procurement documents, describe TREEIB® by functional performance: capacity, surface placement, slow release, root-zone infiltration, canopy-edge watering, durability, safety and branding options.
- Avoid presenting improvised tanks, IBC containers or small trunk bags as automatically equivalent without a documented technical and legal equivalence assessment.
- Contact LEDASCO early if a tender requires technical specifications, declarations, drawings, printing information or local support.

## 8. Contact

**Martin Tušer**

Email: [martin@treeib.com](mailto:martin@treeib.com)

Website: [www.treeib.com](http://www.treeib.com)

Patents page: [www.treeib.com/patents](http://www.treeib.com/patents)

Revision: May 2026. Prepared for procurement and supplier information. Verify patent status and territorial scope before relying on this document in a formal legal proceeding.