

Title (en)  
WATER SUPPLY SYSTEM

Title (de)  
WASSERVERSORGUNGSSYSTEM

Title (fr)  
SYSTÈME D'ALIMENTATION EN EAU

Publication  
**EP 4317620 A1 20240207 (EN)**

Application  
**EP 22781734 A 20220324**

Priority  
• RU 2021108654 A 20210330  
• RU 2022000089 W 20220324

Abstract (en)  
The invention is related to liquid supply systems of buildings and constructions, where an intake water line is connected to the external municipal, city, or local water supply. Also, liquid supply systems with two liquid sources, where the intake liquid line is connected to the external water supply and simultaneously to the alternative water source, for example, a vessel filled with rainwater, are known from the state of the art. Such systems can be used for cold, as well as for hot water. The water supply system comprises a liquid intake line connected to at least two sources of water - an external water supply line and an alternative source made in the form of a collecting vessel and a liquid supply line, characterized in that the water supply system is adapted to predominantly supply water from the alternative source as the tank on the liquid supply line of the alternative source having a pressure higher than the pressure of the external water supply line.

IPC 8 full level  
**E03B 3/02** (2006.01); **E03B 3/30** (2006.01)

CPC (source: EP US)  
**E03B 1/02** (2013.01 - EP); **E03B 1/04** (2013.01 - EP US); **E03B 7/02** (2013.01 - EP); **E03B 7/04** (2013.01 - EP); **E03B 11/02** (2013.01 - EP); **E03B 11/10** (2013.01 - EP); **E03B 3/02** (2013.01 - US); **E03B 2001/047** (2013.01 - EP)

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)  
**EP 4317620 A1 20240207**; CN 117098900 A 20231121; US 2024133162 A1 20240425; US 2024229427 A9 20240711; WO 2022211672 A1 20221006

DOCDB simple family (application)  
**EP 22781734 A 20220324**; CN 202280025223 A 20220324; RU 2022000089 W 20220324; US 202218278883 A 20220324