

Intramolecular H-bond in water, as key for Brawn-gas generator process and as model for security of document and goods.

Jivko Jelev, Krasimir Simonski

UNITY DEN and Kejt ltd Research Center Bulgaria

Contacts: jjelev@keit.bg

Abstract

Deviation of the H-bond distance of 0,17 nm from -0% to +3% and the angle between both H atoms from 104 to 107 degrees in a water molecule is a source of a super weak emission. This is actually the way the water stores information and energy. This publication presents a model to use this deviation for encryption and security as well as studies the phenomenal water behavior in the tunnel of 8.5 to 14.5 micrometers wavelength and how it could be implemented in different products and technologies. Industrial, pilot, and product prototypes based on the water phenomenon have been already presented at a dedicated European Parliament Exhibition in 2012.