

Title (en)
MOBILE UNIT FOR THE TREATMENT OF RAW WATER

Title (de)
MOBILE EINHEIT ZUR BEHANDLUNG VON ROHWASSER

Title (fr)
UNITE MOBILE POUR LE TRAITEMENT D'UNE EAU BRUTE

Publication
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Application
EP 07788859 A 20070611

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Abstract (en)
[origin: WO2007144491A2] The subject of the present invention is a mobile unit for the treatment of raw water. It relates to the technical field of mobile installations and processes for potabilizing raw water for the purpose of providing an immediate solution to supplying drinking water to the heart of regions to be treated as being difficult to access. According to the invention, the mobile unit comprises: - a pumping means (5) for pumping the raw water (4) to be treated, connected to a supply circuit (6); - a transportable container (1) provided with said supply circuit and containing: a system (8) for analyzing the characteristics of the raw water to be treated, a first treatment module (9) for treating soft surface water or drilling water, a second treatment module (10) for treating brackish water or sea water, a third treatment module (11) for treating raw water contaminated by nuclear, radiological, biological and/or chemical (NRBC) agents and a device (15, 16, 120, 121, 122, 123, 124) suitable for directing the flow of raw water to be treated through said treatment modules according to the analyzed characteristics of the raw water. These characteristics allow the mobile unit to be rapidly modified so as to offer suitable treatment according to the characteristics of the raw water and thus obtain water of optimum quality.

IPC 8 full level
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