

**DEVICE FOR MANUFACTURING SODIUM HYPOCHLORITE OR
HYPOCHLOROUS ACID AND WATER TREATMENT SYSTEM IN
GENERAL**

ABSTRACT

The invention relates to a device for producing sodium hypochlorite or hypochlorous acid for water treatment, the device comprising: - a cylinder (16) for storing salt in solid form, adapted for being fed directly via a pressurized water pipe, and comprising one or more tubes that form one or more electrolytic chambers (15); - one or more electrolytic cells received in the electrolytic chambers (15); the tubes of the cylinders being perforated to allow the contacting of the electrolytic cells with the salt-saturated water while preventing the electrolytic cells from being short-circuited by the solid salt. The invention makes it possible to produce sodium hypochlorite or hypochlorous acid from salt-saturated water in a cylinder, connected directly to the pipe of the water to be treated without the latter being loaded with salt.

Fig. 1