

Title (en)  
PROCESS FOR TREATING BROMIDE-CONTAINING WATER USING OZONE

Title (de)  
VERFAHREN ZUR BEHANDLUNG BROMIDHALTIGER WÄSSER DURCH OZON

Title (fr)  
PROCEDE DE TRAITEMENT D'EAU CONTENANT DU BROMURE A L'AIDE D'OZONE

Publication  
**EP 0700366 A1 19960313 (DE)**

Application  
**EP 94914311 A 19940503**

Priority  

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Abstract (en)  
[origin: US5609766A] PCT No. PCT/DE94/00487 Sec. 371 Date Apr. 17, 1996 Sec. 102(e) Date Apr. 17, 1996 PCT Filed May 3, 1994 PCT Pub. No. WO94/26671 PCT Pub. Date Nov. 24, 1994 In a water treatment process using ozone, to prevent bromate formation a quantity of bromide-containing water for treatment is first set to a pH value of less than 6.5 by feeding in CO<sub>2</sub>, unless the water already contains the requisite CO<sub>2</sub> by origin. CO<sub>2</sub> and ozone are then simultaneously fed in for a period of several minutes. The feed stream of CO<sub>2</sub> is designed to maintain the pH value, and sufficient ozone is fed to the quantity of water to produce oxidation and sterilization.

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**C02F 1/283** (2013.01 - EP US); **C02F 1/766** (2013.01 - EP US); **C02F 1/78** (2013.01 - EP US)

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