

Title (en)

CLEANING APPARATUS AND METHOD FOR CLEANING ARTICLES USING WATER

Title (de)

REINIGUNGSVORRICHTUNG UND VERFAHREN ZUR REINIGUNG VON GEGENSTÄNDEN MIT WASSER

Title (fr)

DISPOSITIF DE NETTOYAGE ET PROCÉDÉ DE NETTOYAGE D'OBJETS AU MOYEN D'EAU

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Application

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Abstract (en)

[origin: WO2014090755A1] The invention relates to a cleaning apparatus (2, 82) having a cleaning chamber (4, 84), in which articles which are to be cleaned can be arranged, and having a water supply (10), which can direct water into the cleaning chamber (4, 84), wherein the cleaning apparatus (2, 82) has a plasma source (36) for generating a plasma (40), and wherein the plasma source (36) is arranged such that the water which can be directed into the cleaning chamber (4, 84) via the water supply (10) can be subjected, at least in part, to the plasma (40). The invention also relates to a method for cleaning articles using water, in the case of which a cleaning chamber (4, 84) is filled with the articles which are to be cleaned, and in the case of which water for cleaning the articles is directed into the cleaning chamber (4, 84), wherein, prior to being directed into the cleaning chamber (4, 84), the water is subjected to a plasma (40), in particular to an atmospheric plasma jet (40). The invention further relates to the use of a plasma nozzle (38) for generating an atmospheric plasma jet (40) in such a method.

IPC 8 full level

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