

Title (en)

Ion pump and vacuum pumping unit using the same

Title (de)

Ionenpumpe und Vakuumpumpanlage dafür

Title (fr)

Pompe ionique et unité de pompage à vide utilisant celle-ci

Publication

EP 0499239 B1 19990707 (EN)

Application

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Abstract (en)

[origin: EP0499239A2] An exhaust apparatus and a high vacuum pumping unit including such high vacuum device (50) and an auxiliary vacuum pump (31) are disclosed, wherein a high vacuum is achieved in a vacuum vessel such that the gas molecules within the vacuum vessel are ionized and accelerated to be exhausted and, further, in the high vacuum pumping unit, those gas molecules diffused back or desorbed from the vacuum pump are ionized and accelerated to be returned to the vacuum pump.

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