

Abstract

The invention relates to a vacuum pump system having at least two chambers (10, 12) which are arranged in series. A turbomolecular pump (18) is connected to the second or final chamber, and a multistage Roots pump (24) is connected to the first chamber, wherein the outlet (25) of the first chamber (10) is connected to an intermediate inlet (26) of the multistage vacuum pump, and an outlet (20) of the turbomolecular pump (18) is connected to a main inlet (22) of the multistage vacuum pump (24).

(Figure 1)