

Title (en)

Vacuum pump and installation method for air conditioner

Title (de)

Vakuumpumpe und Einrichtungsverfahren für eine Klimaanlage

Title (fr)

Pompe à vide et procédé d'installation d'un dispositif de conditionnement d'air

Publication

EP 1336758 A2 20030820 (EN)

Application

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- JP 2002115854 A 20020418

Abstract (en)

A vacuum pump and an installation method for an air conditioner are provided, whereby, the installation of an air conditioner can be performed readily in a short period of time, whilst restricting harmful effects on the environment. The interior of a cylinder (15) is divided into two chambers by a piston (16), and intake ports (20) and exhaust ports (19) are provided, these intake ports and exhaust ports having non-return valves installed respectively at the top dead center and the bottom dead center of these two chambers of the cylinder. When the piston (16) is caused to move in either direction, then if the respective exhaust ports (19) are connected together, the air inside the cylinder is exhausted, thereby causing the exhaust port (19) side in the cylinder to assume a pressurized state, and if the intake ports (20) are coupled, then the intake ports (20) in the cylinder are caused to assume a negative pressure state. <IMAGE>

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