

Title (en)

Pneumatic tool with a reverse valve having an overdrive

Title (de)

Pneumatisches Werkzeug versehen mit einem Umkehr-Ventil mit Schnellgang

Title (fr)

Outil pneumatique comprenant valve d'inversion avec dispositif à surmultiplier

Publication

EP 0876883 A2 19981111 (EN)

Application

EP 98107828 A 19980429

Priority

US 85278597 A 19970507

Abstract (en)

The invention is a pneumatic tool with a reverse valve having an overdrive. In particular, the pneumatic tool includes a housing, a rotor, rotatably mounted within the housing, an output shaft operatively coupled to the rotor, and pressure chambers defined between the housing and the rotor. A pneumatic reverse valve having an overdrive is operatively coupled to the rotor. The overdrive provides increased torque and increased speed to the output shaft. The reverse valve controls flow of pressurized air to a multi-chambered motor of the tool such that the direction of the motor can be reversed and the number of pressure chambers receiving pressurized air can be selected regardless of direction. <IMAGE>

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Cited by

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