

Title (en)

Method of forming hollow head portion of piston for swash plate type compressor

Title (de)

Verfahren zur Herstellung eines hohlen Kolbenkopfes für einen Taumelscheibenkompressor

Title (fr)

Procédé de fabrication d'une tête de piston creuse d'un compresseur à plateau en biais

Publication

EP 1079108 A2 20010228 (EN)

Application

EP 00117378 A 20000824

Priority

JP 23854799 A 19990825

Abstract (en)

A method of forming a hollow head portion (72) of a piston (14) for a swash plate type compressor, comprising the steps of fixing a closing member (154, 310) to a hollow cylindrical member (158, 200, 300) which is open at at least one of opposite ends thereof, so as to close an open end of the hollow cylindrical member, and applying a welding beam to welding surfaces of the closing member and the hollow cylindrical member, which welding surfaces are adjacent to or in contact with each other, so that the closing member and the hollow cylindrical member are bonded to each other at the welding surfaces, wherein the welding beam is incident on the welding surfaces of the closing member and the hollow cylindrical member in a direction which intersects the welding surfaces. <IMAGE>

IPC 1-7

F04B 27/08

IPC 8 full level

F04B 27/08 (2006.01)

CPC (source: EP)

F04B 27/0878 (2013.01)

Cited by

EP2990645A4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1079108 A2 20010228; JP 2001065451 A 20010316

DOCDB simple family (application)

EP 00117378 A 20000824; JP 23854799 A 19990825