

Title (en)

Coating applied by electric arc welding for a compressor swash plate

Title (de)

Durch Lichtbogenschweissung aufgetragene Beschichtung für eine Verdichertaumelscheibe

Title (fr)

Revêtement appliqué par soudage à l'arc électrique pour un plateau en biais d'un compresseur

Publication

**EP 1130259 A2 20010905 (EN)**

Application

**EP 01104209 A 20010222**

Priority

JP 2000053513 A 20000229

Abstract (en)

A coating forming method, which has an excellent versatility as a forming art of a metal material coating on the sliding contact surface of a swash plate, with shoes, can maintain a good working environment in the field and can effectively reduce the working processes, time, and cost is provided. The coatings 31A and 31B are formed in the shielded metal-arc welding padding method on the surfaces 30A and 30B of the swash plate 10, which slidably contact with the shoes 20A and 20B. <IMAGE>

IPC 1-7

**F04B 27/10**

IPC 8 full level

**F04B 27/08** (2006.01); **B23K 9/00** (2006.01); **B23K 9/04** (2006.01); **F04B 27/10** (2006.01)

CPC (source: EP US)

**F04B 27/1054** (2013.01 - EP US); **F05C 2253/12** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1130259 A2 20010905**; JP 2001239363 A 20010904; US 2001017079 A1 20010830

DOCDB simple family (application)

**EP 01104209 A 20010222**; JP 2000053513 A 20000229; US 79091801 A 20010222