

Title (en)

ABRADABLE RUB STRIP AND METHOD OF MAKING THE SAME

Publication

EP 0067746 B1 19870805 (FR)

Application

EP 82400966 A 19820526

Priority

FR 8111564 A 19810612

Abstract (en)

[origin: US4423097A] A seal intended to wear from abrasion for use in contact with a rotor zone of a rotating machine, of the type made up of a dispersion of hollow microspheres in a binder providing cohesion of the microspheres among themselves and their attachment to a metallic support. In order to make it possible to produce the seal by torch spraying from a powdered mixture onto the support, the hollow microspheres are made of an inorganic refractory material and the binder material is a metallic material more fusible than the material of the microspheres.

IPC 1-7

C23C 4/00

IPC 8 full level

C22C 32/00 (2006.01); **C23C 4/06** (2006.01); **F01D 11/12** (2006.01)

CPC (source: EP US)

C22C 32/00 (2013.01 - EP US); **C23C 4/06** (2013.01 - EP US); **F01D 11/12** (2013.01 - EP US); **Y10S 277/922** (2013.01 - EP US); **Y10S 277/941** (2013.01 - EP US); **Y10T 428/1266** (2015.01 - EP US); **Y10T 428/252** (2015.01 - EP US); **Y10T 428/2996** (2015.01 - EP US)

Cited by

EP0485194A1; RU2699340C2; EP0935009A1; EP0166940A3; EP0086938A3; US6251526B1; EP2449146A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 0067746 A1 19821222; **EP 0067746 B1 19870805**; DE 3276911 D1 19870910; FR 2507729 A1 19821217; FR 2507729 B1 19860822; US 4423097 A 19831227

DOCDB simple family (application)

EP 82400966 A 19820526; DE 3276911 T 19820526; FR 8111564 A 19810612; US 38781882 A 19820614