

Title (en)

IMPROVEMENTS IN MECHANICAL SEAL STRUCTURES.

Title (de)

VERBESSERUNGEN AN MECHANISCHEN ABDICHTUNGSSTRUKTUREN.

Title (fr)

AMELIORATIONS A DES STRUCTURES DE JOINTS MECANIKES.

Publication

EP 0110960 A4 19860220 (EN)

Application

EP 83902070 A 19830523

Priority

US 38133982 A 19820524

Abstract (en)

[origin: WO8304293A1] Mechanical seals are improved in wear properties, erosion, corrosion and galling resistance by forming a diffusion coating in the seal structure surface comprising an intermetallic compound of the seal structure iron, nickel or cobalt base metal and one or more of aluminum, boron, silicon and carbon.

IPC 1-7

F16J 15/06; C23C 9/02

IPC 8 full level

F16J 15/34 (2006.01)

CPC (source: EP)

F16J 15/3496 (2013.01)

Citation (search report)

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- [X] CHEMICAL ABSTRACTS, vol. 89, 1978, page 242, abstract, no. 10109u, Columbus, Ohio, US; & JP - A - 52 111 891 (HONDA MOTOR CO., LTD.) 19-09-1977
- [E] PATENTS ABSTRACTS OF JAPAN, vol. 7, no. 187 (M-236)[1332], 16th August 1983; & JP - A - 58 088 267 (SANSUTAA KINZOKU K.k.) 26-05-1983

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

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