

Title (en)

SOLID FINNED ROTOR FOR CALIPER DISC BRAKES AND THE LIKE

Title (de)

VOLLER, GERIPPTER ROTOR FÜR SATTELSCHEIBENBREMSEN ODER DERGLEICHEN

Title (fr)

ROTOR MONOBLOC A AILETTES POUR FREINS A DISQUE A ETRIER ET ANALOGUES

Publication

EP 0981785 A1 20000301 (EN)

Application

EP 98923348 A 19980505

Priority

- US 9809303 W 19980505
- US 4556897 P 19970505
- US 5473198 A 19980403

Abstract (en)

[origin: WO9850837A1] A rotor (10) for caliper disc brakes and the like has an outer friction portion including an annular support plate (32) having a friction ring section on both of the major surfaces thereof adapted to interface with an associated friction member, such as a brake pad. Each of the friction ring sections is formed of a plurality of circumferentially spaced apart fins (42, 44). Each of the fins, (42, 44) includes a substantially flat friction surface (42a), so that the plurality of such surfaces (42a) combine to define an annular, non-continuous friction surface on each face of the support plate (32). The rotor (10) of the invention combines the strength of a solid rotor with the desirable increased cooling characteristics of a vented rotor.

IPC 1-7

G05G 1/00

IPC 8 full level

F16D 65/12 (2006.01); **G05G 1/00** (2006.01)

CPC (source: EP)

F16D 65/12 (2013.01); **F16D 2065/1316** (2013.01); **F16D 2065/132** (2013.01); **F16D 2065/1328** (2013.01)

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)

WO 9850837 A1 19981112; AU 7565998 A 19981127; CA 2289072 A1 19981112; EP 0981785 A1 20000301; EP 0981785 A4 20001206; JP 2001524197 A 20011127

DOCDB simple family (application)

US 9809303 W 19980505; AU 7565998 A 19980505; CA 2289072 A 19980505; EP 98923348 A 19980505; JP 54848398 A 19980505