

Title (en)
CURRENT-TRANSFER ASSEMBLY

Title (de)
STROMÜBERTRAGUNGSANORDNUNG

Title (fr)
ENSEMBLE DE TRANSFERT DE COURANT

Publication
EP 1358698 A2 20031105 (DE)

Application
EP 02702349 A 20020206

Priority
• DE 10106119 A 20010208
• EP 0201211 W 20020206

Abstract (en)
[origin: US7098568B2] A current-transfer assembly for electric machines, including a shaft (22) with electrically conductive slip elements (13, 14, 16, 18) originating from and coaxially surrounding the shaft, the elements supporting carbon brushes. According to the invention, various electric phases are connected to slip elements that are insulated from one another, by means of current paths that lead to the windings of the electric machine. To guarantee that temperature fluctuations do not adversely affect the current transfer, the slip elements are configured as disc elements that consist of or contain carbon material.

IPC 1-7
H01R 39/14; **H01R 39/08**

IPC 8 full level
H01R 39/08 (2006.01); **H01R 39/14** (2006.01)

CPC (source: EP US)
H01R 39/085 (2013.01 - EP US); **H01R 39/14** (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)
WO 02063727 A2 20020815; **WO 02063727 A3 20020926**; AT E443356 T1 20091015; DE 10106119 A1 20020919; DE 50213848 D1 20091029; DK 1358698 T3 20100104; EP 1358698 A2 20031105; EP 1358698 B1 20090916; ES 2331691 T3 20100113; US 2004130230 A1 20040708; US 7098568 B2 20060829

DOCDB simple family (application)
EP 0201211 W 20020206; AT 02702349 T 20020206; DE 10106119 A 20010208; DE 50213848 T 20020206; DK 02702349 T 20020206; EP 02702349 A 20020206; ES 02702349 T 20020206; US 47027404 A 20040227