

Title (en)  
BRAKE DISK WITH MAGNET WHEEL

Title (de)  
BREMSSCHEIBE MIT POLRAD

Title (fr)  
DISQUE DE FREIN AVEC ROUE POLAIRE

Publication  
**EP 1957822 A1 20080820 (DE)**

Application  
**EP 06818795 A 20061124**

Priority  
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• DE 102005056063 A 20051124

Abstract (en)  
[origin: DE102005056063A1] The disk has two concentric friction surfaces (2), and a brake disk collar (3) that is attached to the friction surfaces and is connected with a wheel hub. A magnet wheel (4) is held on the brake disk collar in a rotationally firm manner. The magnet wheel is radially supported on a compensating unit which is axially mounted in a circular groove of the brake disk collar, where the compensation unit is designed as a radially deformable ring or as a shaft ring (5). The groove is formed in an outer or inner casing surface of the collar.

IPC 8 full level  
**F16D 65/12** (2006.01)

CPC (source: EP)  
**F16D 65/12** (2013.01); **F16D 65/123** (2013.01); **G01P 3/443** (2013.01); **G01P 3/487** (2013.01); **F16D 2066/003** (2013.01)

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