

Title (en)
Disc for disc brakes

Title (de)
Brems Scheibe

Title (fr)
Disque de frein

Publication
EP 1801448 B9 20090225 (EN)

Application
EP 05425912 A 20051223

Priority
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Abstract (en)
[origin: EP1801448A1] The present invention relates to a disc (20) for disc brakes, comprising a support (15) and a braking band (5) suitable to cooperate with brake calipers in order to exert a braking action on a vehicle, said braking band (5) comprising a shaped body (6) extending around a symmetry axis and being laterally defined by braking surfaces (3,4), said braking band (5) being made of composite material which can be obtained by the interaction of a mixture, comprising filament rovings, essentially consisting of carbon, which are randomly arranged and have sizes which are not greater than 30 mm, with silicon at a temperature sufficient to cause the melting of said silicon, and further comprising at least one strengthening ring (2a,2b) in carbon-carbon material located near or at the cracking point.

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F16D 65/12 (2006.01)

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