

Title (en)

REINFORCING ELEMENT FOR A FIXING PART OF A WIPER ARM

Title (de)

VERSTÄRKUNGSELEMENT FÜR EIN BEFESTIGUNGSTEIL EINES WISCHARMS

Title (fr)

ELEMENT DE RENFORCEMENT DESTINE A UNE PIECE DE FIXATION D'UN BRAS D'ESSUIE-GLACE

Publication

EP 1528994 A1 20050511 (DE)

Application

EP 03729833 A 20030415

Priority

- DE 0301266 W 20030415
- DE 10235565 A 20020803

Abstract (en)

[origin: DE10235565A1] The reinforcement is for a motor vehicle windscreen wiper fastener where the wiper arm (23) is mounted on the end of the shaft (20). The wiper arm has a lug (26) to fit onto the end of the drive shaft. The lug is reinforced by a ring (24). The shaft end (21) can be conical and the ring can be mounted around the lug.

IPC 1-7

B60S 1/34

IPC 8 full level

B60S 1/34 (2006.01)

CPC (source: EP KR US)

B60S 1/34 (2013.01 - KR); **B60S 1/3459** (2013.01 - EP US); **B60S 1/3438** (2013.01 - EP US)

Citation (search report)

See references of WO 2004018270A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 10235565 A1 20040212; **DE 10235565 B4 20140508**; BR 0305718 A 20040928; CN 1649761 A 20050803; EP 1528994 A1 20050511; JP 2005534577 A 20051117; KR 20050033620 A 20050412; US 2005150072 A1 20050714; WO 2004018270 A1 20040304

DOCDB simple family (application)

DE 10235565 A 20020803; BR 0305718 A 20030415; CN 03809697 A 20030415; DE 0301266 W 20030415; EP 03729833 A 20030415; JP 2004529679 A 20030415; KR 20057001530 A 20050127; US 51117804 A 20041014