

Title (en)  
Wiper

Title (de)  
Wischer

Title (fr)  
Balai

Publication  
**EP 1955639 A3 20091021 (DE)**

Application  
**EP 08001959 A 20080201**

Priority  
DE 102007005973 A 20070207

Abstract (en)  
[origin: EP1955639A2] The wiper (1) has a wiper plate (2) with two retractable wings and a wiper cover (9), where two end areas (10) are fastened on an upper side of the retractable wings of the wiper plate. The wiper is selectively transferred in a wiper condition in which the wings are locked in a common plate and in which the wiper cover is laminar clamped, or in an elution condition in which the wings are movable together and the wiper cover is mounted to the wings. The end areas supported about the edges of the wiper plate are provided with a display or pile yarns.

IPC 8 full level  
**A47L 13/20** (2006.01); **A47L 13/258** (2006.01)

CPC (source: EP)  
**A47L 13/20** (2013.01); **A47L 13/258** (2013.01)

Citation (search report)  
• [X] DE 2611615 A1 19770922 - SCHEIBLER PELTZER & CO  
• [XY] DE 20306274 U1 20030828 - BRASLAVCEV VALERIJ [DE]  
• [Y] WO 2006114251 A1 20061102 - LEIFHEIT AG [DE], et al  
• [X] EP 0858765 A1 19980819 - LEIFHEIT AG [DE]  
• [X] FR 2768042 A1 19990312 - PETIT CHRISTIAN [FR]  
• [X] WO 9815220 A1 19980416 - C TEX TEXTIL AG [CH], et al  
• [A] WO 2006027046 A1 20060316 - FREUDENBERG CARL KG [DE], et al

Cited by  
CN108158523A; EP2384682A3; US9226638B2; DE102017100368A1; WO2012058812A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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