

Title (en)

PACKAGING DEVICE AND ASSEMBLY COMPRISING AT LEAST TWO WIPER BLADES AND A PACKAGING DEVICE FOR SAID BLADES

Title (de)

VERPACKUNGSVORRICHTUNG UND ANORDNUNG MIT MINDESTENS ZWEI WISCHERBLÄTTERN UND EINER
VERPACKUNGSVORRICHTUNG FÜR DIE WISCHERBLÄTTER

Title (fr)

DISPOSITIF D'EMBALLAGE ET ENSEMBLE COMPRENANT AU MOINS DEUX BALAIS D'ESSUYAGE ET UN DISPOSITIF D'EMBALLAGE
DESDITS BALAIS

Publication

EP 2340215 A2 20110706 (FR)

Application

EP 09778158 A 20090827

Priority

- EP 2009006221 W 20090827
- FR 0804722 A 20080827

Abstract (en)

[origin: WO2010022948A2] The invention provides a packaging device designed to accommodate at least two wiper blades (12) comprising a wiper blade rubber (18), and at least one structural element (14) whose principal orientation is longitudinal and which is deformable elastically and bent in a central longitudinal plane of the blade (12). The packaging device for said two or more blades (12) comprises at least one lower shell (24) that defines multiple housings (26) whose principal orientation is longitudinal and which are upwardly open, in each of which one of said two or more blades (12) is accommodated in the stored position, in such a way that the central longitudinal plane of the blade (12) defines with a vertical longitudinal plane orthogonal to the open upper face of the housing (26) an acute angle that is not zero and is not 90°. According to the invention, the housings (26) of the packaging device comprise locating means (28, 30) which function with the blades (12) to keep each blade (12) in an at least partially straightened position in which the structural element (14) of the blade (12) is deformed elastically in the central longitudinal plane and is at least partly straightened.

IPC 8 full level

B65D 75/32 (2006.01); **B65D 25/10** (2006.01); **B65D 75/36** (2006.01); **B65D 85/00** (2006.01)

CPC (source: EP KR)

B65D 25/10 (2013.01 - KR); **B65D 25/105** (2013.01 - EP); **B65D 75/32** (2013.01 - EP KR); **B65D 75/36** (2013.01 - EP KR);
B65D 85/00 (2013.01 - EP); **B65D 85/68** (2013.01 - KR); **B65D 2585/6885** (2013.01 - EP)

Citation (search report)

See references of WO 2010022948A2

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010022948 A2 20100304; **WO 2010022948 A3 20100514**; **WO 2010022948 A9 20110519**; CN 102196971 A 20110921;
CN 102196971 B 20130501; EP 2340215 A2 20110706; EP 2340215 B1 20150114; FR 2935365 A1 20100305; FR 2935365 B1 20100910;
KR 101568895 B1 20151112; KR 20110066922 A 20110617; PL 2340215 T3 20150529

DOCDB simple family (application)

EP 2009006221 W 20090827; CN 200980142686 A 20090827; EP 09778158 A 20090827; FR 0804722 A 20080827;
KR 20117007011 A 20090827; PL 09778158 T 20090827