

Title (en)

Device for reversibly fixing a holder for a doctor blade in a paper making facility

Title (de)

Einrichtung zur lösbaren Befestigung eines Halters für eine Schaber Klinge in einer Papiererzeugungsanlage

Title (fr)

Dispositif de fixation amovible d'un dispositif de maintien pour lame de racloir dans une installation de production de papier

Publication

**EP 1947239 A3 20090603 (DE)**

Application

**EP 07450160 A 20070917**

Priority

AT 19442006 A 20061123

Abstract (en)

[origin: US2008121770A1] A device for the detachable fixing of the holder for a doctor blade, which is assigned to a supporting and guiding roll in a paper production plant, to a support. The holder is mounted on the support such that it can be pivoted about an axis oriented at least approximately in the direction of the doctor edge bearing on the supporting or guiding roll. Furthermore, the holder is formed by holding fingers which extend transversely with respect to the pivot axis and which are in each case constructed with a first bearing part which interacts with a second bearing part located on the support and also, between the holder and the support, there being at least one actuating element, by way of which the holding fingers can be pivoted independently of one another. One of the two bearing parts is formed by a bearing shell, which is formed with a cutout, in particular with a slot, extending in the direction of the pivot axis, and the other of the two bearing parts is formed by a bearing pin which is carried by a web or the like penetrating the cutout in the bearing shell. Accordingly, the holder can be displaced with respect to the support in the direction of the pivot axis over the entire length of the doctor blade.

IPC 8 full level

**D21G 3/00** (2006.01)

CPC (source: EP US)

**B05C 11/041** (2013.01 - EP); **B05C 11/044** (2013.01 - EP); **D21G 3/00** (2013.01 - EP US)

Citation (search report)

- [Y] WO 2004042143 A1 20040521 - STRAUCH HELMUT [DE]
- [Y] EP 0485597 A1 19920520 - AIKAWA TEKKO [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**US 2008121770 A1 20080529**; AT 503922 A4 20080215; AT 503922 B1 20080215; BR PI0705801 A 20080715; CA 2607453 A1 20080523; CN 101187184 A 20080528; EP 1947239 A2 20080723; EP 1947239 A3 20090603; JP 2008127732 A 20080605

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**US 94370607 A 20071121**; AT 19442006 A 20061123; BR PI0705801 A 20071119; CA 2607453 A 20071023; CN 200710186730 A 20071116; EP 07450160 A 20070917; JP 2007295694 A 20071114