

Title (en)

HINGE FOR CONNECTING A LEAF TO A FRAME SO AS TO BE HINGED ABOUT A HINGE AXIS

Title (de)

BAND ZUR UM EINE SCHARNIERACHSE SCHARNIERGELENKIGEN VERBINDUNG EINES FLÜGELS MIT EINEM RAHMEN

Title (fr)

PAUMELLE PERMETTANT LA FIXATION ARTICULÉE PAR CHARNIÈRE AUTOUR D'UN AXE DE CHARNIÈRE D'UN BATTANT À UN ENCADREMENT

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Application

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Abstract (en)

[origin: WO2010139604A1] The invention relates to a hinge (100) for connecting a leaf of a door, a window, or the like to a frame so as to be hinged about a hinge axis (S), comprising a frame wing (1, 2) that can be fastened to the frame and that comprises a frame fastening part (5, 5') and a frame hinge part (4, 4'), a leaf wing (3) that can be fastened to the leaf and that comprises a leaf fastening part (7) and a leaf hinge part (6), and a hinge pin (10) that defines the hinge axis (S), wherein a primary coil (19) surrounding the hinge pin (10) is arranged in the frame hinge part (4), and wherein a secondary coil (20) surrounding the hinge pin (10) is arranged in the leaf hinge part (6), wherein the primary coil (19) extends at least approximately to the end face of the frame hinge part (4) facing the leaf hinge part (6), the secondary coil (20) extends at least approximately to the end face of the leaf hinge part (6) facing the frame hinge part (4), and a hinge pin sleeve (30) comprising a ferritic material is provided between the hinge pin (10) and the coils (19, 20), wherein the hinge pin sleeve extends approximately over the length (L) of the hinge pin (10) that is surrounding by the primary and the secondary coil (19, 20).

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