

Title (en)
DOOR HINGE

Title (de)
TÜRSCHARNIER

Title (fr)
CHARNIÈRE DE PORTE

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Application
EP 18197638 A 20180928

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EP 18197638 A 20180928

Abstract (en)
A hinge system comprises a bottom hinge and a top hinge. The bottom hinge includes a (lower) frame part (240) and an (upper) sash part (220), said upper part (220) with a knuckle (226) firmly attached to a upper leaf (221). Said lower part (240) shows an axle pin (245) attached to a lower leaf (241). Said axle pin (245) defines a pivot axis (205) for the hinge. The lower frame part (240) further includes a foot element (248) with a bolt bearing an external thread interacting with a matching threaded hole in the axle pin (245). Said foot element (248) is thus being adjustable in a direction along the pivot axis (205). This foot element allows for transferring load from the sash or panel directly to a floor underneath instead of solely transferrin the load into a frame or wall. Further is disclosed a method for mounting such a hinge system including respective adjustment steps.

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Citation (search report)

- [IA] EP 2770284 A2 20140827 - SAMSUNG ELECTRONICS CO LTD [KR]
- [Y] FR 2940999 A1 20100716 - MONIN [FR]
- [Y] WO 03097974 A2 20031127 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] EP 2801775 A2 20141112 - SAMSUNG ELECTRONICS CO LTD [KR]

Designated contracting state (EPC)
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