

Title (en)
A hinge assembly

Title (de)
Scharnierzusammenbau

Title (fr)
Ensemble de charnière

Publication
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Application
EP 99610053 A 19990916

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Abstract (en)

The invention concerns a hinge (1) for a hinge connection between door/gate sections comprising a first (2) and a second (3) hinge profile, said hinge profiles (2,3) comprising a link function (4) lying between the two profiles for the provision of an axis of rotation (5) and hinging around which the two profiles turn, said first hinge profile (2) comprising an outer profile (6), and said second hinge profile (3) comprising an inner profile (7) lying at a shorter distance to the link connection (4) than the outer profile (6) and with its outer surface (8) facing towards the outer profile (6), the inner surface (12) of said outer profile is substantially plane, and the outer surface (8) of said inner profile comprising a curved part (9) extending from the free concluding edge (10) of the profile and at a distance hereto. The curved part (9) is concentric with the axis of rotation (5), and the remaining outer surface (11) is substantially plane and forms an angle of $0 - 15 \text{ DEG}$ with the inner surface (12) of the outer profile, the inner surface of said outer profile being mainly plane parallel with the gate sections when the hinge (1) is in the closed position, said outer profile (6) substantially covering the inner profile (7) when the hinge (1) is in the closed position, and in that each hinge profile (2,3) respectively comprises a first (18) and a second (19) area for the mounting of securing elements (20) which connect each hinge profile to a section (26)/a frame (33). There is hereby achieved a narrow profile hinge which, however, has room for mounting screws, and which at the same time provides optimum protection for the fingers. <IMAGE>

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IPC 8 full level
E05D 15/24 (2006.01); **E06B 3/48** (2006.01); **E05D 1/04** (2006.01)

CPC (source: EP)
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Citation (applicant)
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