

Title (en)

Hinge arrangement for segments of a cover for a architectural opening

Title (de)

Scharniereinrichtung für Segmente einer Abdeckung einer Gebäudeöffnung

Title (fr)

Charnière pour les lames d'une fermeture pour une ouverture d'un bâtiment

Publication

**EP 1020611 B1 20040407 (DE)**

Application

**EP 99123452 A 19991125**

Priority

DE 19856285 A 19981207

Abstract (en)

[origin: DE19856285C1] A wall break segment cover hinge employs a roller (48) per segment (10,12) whose roller axis (50) coincides with the hinge (14) axis (24) and the first hinge tab (20) fixer sector (26) has cover leaves (30) at both axial ends (28) to project vertically in the same direction. Thus the leaves externally close off the wedge space when the segments (10,12) swivel round the hinge axis (26). The hinge axis (24) itself consists of a tubular sleeve (42) fixed to the first hinge tab (20) and fixed between the two cover leaves (30), and the axis (5) of the respective roller (48) has a bearing sector (52) adapted in diameter to the clear inside diameter of the sleeve (42). Roller bearing sector (54) for the respective roller should have a diameter larger than that of bearing sector (52).

IPC 1-7

**E06B 9/17**; **E05D 15/24**; **E06B 9/171**

IPC 8 full level

**E05D 15/16** (2006.01); **E05D 15/24** (2006.01); **E06B 9/17** (2006.01); **E06B 9/171** (2006.01)

CPC (source: EP)

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**EP 1020611 A2 20000719**; **EP 1020611 A3 20020515**; **EP 1020611 B1 20040407**; AT E263905 T1 20040415; DE 19856285 C1 20000531; DE 59909111 D1 20040513

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