

Title (en)
Tilt-swing wing

Title (de)
Kippschwenkflügel

Title (fr)
Panneau ouvrant et pivotant

Publication
EP 0570945 B2 20051214 (DE)

Application
EP 93108187 A 19930519

Priority
DE 4216689 A 19920520

Abstract (en)
[origin: EP0570945A1] What is provided is a hinge joint (4, 5), installed in a concealed manner, for tilting and pivoting wings (2) of windows and doors having a wing overlap (6, 22), in which hinge joint the pivot pin (12, 43) is arranged concealed in the region of the wing overlap, specifically in an interruption (8) of the seal (7) in the case of a metal frame (2) or in a recess (23) on the inside of the wing overlap (22) in the case of wooden or plastic windows (21), the interruption or recess terminating in both cases at a distance from the top edge or bottom edge of the wing overlap (6, 22), the said distance corresponding approximately to the width of the wing overlap itself. <IMAGE>

IPC 1-7
E05D 15/52; **E06B 3/34**

IPC 8 full level
E05D 15/52 (2006.01); **E06B 3/34** (2006.01)

CPC (source: EP)
E05D 15/5211 (2013.01); **E06B 3/341** (2013.01); **E05Y 2900/148** (2013.01)

Cited by
EP1881144A1; EP1757767A1; EP2392756A3; EP0924377A1; FR2772823A1; EP1256682A1; US7996960B2; DE10235609A1; DE10235609B4; DE20005277U1; EP1267025A2; EP2392756A2; DE102010029664A1; WO2004043799A1

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
EP 0570945 A1 19931124; **EP 0570945 B1 19960228**; **EP 0570945 B2 20051214**; AT E134737 T1 19960315; DE 4216689 A1 19931125; DE 59301704 D1 19960404

DOCDB simple family (application)
EP 93108187 A 19930519; AT 93108187 T 19930519; DE 4216689 A 19920520; DE 59301704 T 19930519