

Title (en)
SWING STOWED-TYPE CHAIR

Title (de)
KLAPPBARER SCHAUKELEL-STUHL

Title (fr)
CHAISE OSCILLANTE DE TYPE FIXE

Publication
EP 1614370 B1 20100224 (EN)

Application
EP 04705915 A 20040128

Priority
• JP 2004000752 W 20040128
• CN 03107958 A 20030327

Abstract (en)
[origin: EP1614370A1] A swing stowed-type chair includes: a base portion 1 to be fixed to a floor or a desk; a sitting portion 2 with a back 2a and a scat 2b, which are united to each other; a front-side leg portion 4, whose lower end portion and upper end portion are connected to the base portion and the sitting portion, respectively, swingably in a forward/rearward direction; a rear-side leg portion 7, whose lower end portion and upper end portion are connected to the base portion and the sitting portion, respectively, swingably in the forward/rearward direction, where swing axes of the upper and lower end portions are located more rearward than swing axes of the upper and lower end portions of the front-side leg portion; and a stopper assembly 11 for limiting, in a predetermined range, the swing of the front-side and rear-side leg portions relative to the base portion and the sitting portion. The front-side and rear-side leg portions form a non-parallel four-joint link, in order that, in a rearward-swing limit position, the sitting portion is placed so that the seat and the back are in a use position, while, in a forward-swing limit position, the sitting portion is placed so that the seat and the back are in a forward slanted position. By coming into contact with a shaft 10, the stopper assembly 11 provides the limit of the rearward-swing limit position of the front-side and rear-side leg portions according to the state where the base portion is slanted downward toward the front. Thus, even when the chair is installed in a place slanted downward toward the front, the sitting portion can be set to the use position in the rearward-swing limit position.

IPC 8 full level
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CPC (source: EP KR)
A47C 1/12 (2013.01 - EP KR); **A47C 3/00** (2013.01 - KR); **A47C 3/02** (2013.01 - EP KR)

Cited by
CN114831842A; JP2012105862A; US9883748B2

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GB

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EP 1614370 A1 20060111; **EP 1614370 A4 20070725**; **EP 1614370 B1 20100224**; CN 1245916 C 20060322; CN 1533729 A 20041006; KR 100614197 B1 20060822; KR 20050111615 A 20051125; WO 2004084677 A1 20041007

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