

Title (en)
HINGED FOLDING STRUCTURE

Title (de)
SCHWENKBARE KLAPPSTRUKTUR

Title (fr)
STRUCTURE ARTICULEE DEPLOYABLE

Publication
EP 2301112 A2 20110330 (FR)

Application
EP 09766016 A 20090617

Priority

- FR 2009000723 W 20090617
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- FR 0951353 A 20090304

Abstract (en)
[origin: WO2009153454A2] Hinged folding structure (1) consisting of an assembly of elements (2) hinged together by hinge means (3, 4), where each of the elements (2) has at each end a hinge (3, 4) enabling it to be connected to the end of another element (2) across a hinge axis (X, Y), all the pivot pins of the hinges (3, 4) being so constructed that the structure (1) can adopt two extreme positions, namely an unfolded position where the elements (2) are more or less continuous with each other to form an ellipse, and a folded position where the elements (2) are brought together and approximately parallel with each other. The elements (2) and the hinges (3, 4) are connected both to means for controlling the unfolding of the elements (2), and to assistance means for ensuring simultaneity of the unfolding or folding of the elements (2).

IPC 8 full level
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Citation (search report)
See references of WO 2009153454A2

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