

Title (en)
POSITIONING DEVICE FOR FIXED SCROLL

Title (de)
VORRICHTUNG ZUM POSITIONIEREN EINER FIXEN SPIRALE

Title (fr)
DISPOSITIF DE POSITIONNEMENT DE VIS FIXE

Publication
EP 2096313 B1 20180221 (EN)

Application
EP 07851098 A 20071221

Priority
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Abstract (en)
[origin: EP2096313A1] In positioning a fixed scroll (34) by moving it in the X-axis direction and the Y-axis direction in assembling a scroll fluid machinery, in order to perform simple and accurate detection of the phases of a crank shaft (20) and an orbiting scroll (31), a to-be-detected part for phase detection is formed at the orbiting scroll (31) while a notch allowing the to-be-detected part to be observed from the outside is formed in the fixed scroll. Further, there are provided a sensor (92) movable to a point facing the notch of the fixed scroll and a phase detection mechanism (90) detecting the phase of the orbiting scroll (31) on the basis of the position change of the to-be-detected part of the orbiting scroll (31) which is accompanied by rotation of the crank shaft (20).

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