A method and apparatus for generator stator core separation

An intercoupled stator core is separated from a non vertically oriented (including horizontal) generator frame by decoupling the stator core and frame coupling members and interposing a slidable member between them. Thereafter they are separated relative to each other on the sliding member. The sliding or slidable member may comprise a rail, or alternatively a roller adapted for rolling contact with one of the opposed stator core or generator structures and an engagement surface in contact with the other structure. A system for separating the stator core from a non vertically oriented generator frame includes first and second raising end plates adapted coupled to axial ends of the stator core. The end plates project outwardly from the generator frame ends, for coupling to a raise mechanism. After the raise mechanism raises the stator core the slidable member is interposed between the stator core and generator frame.
A. CLASSIFICATION OF SUBJECT MATTER
INV. H02K15/00 H02K15/02 H02K1/18
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERE TO BE RELEVANT

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<td>A</td>
<td>EP 0 690 546 A2 (ABB PATENT GMBH [DE]) 3 January 1996 (1996-01-03) figures 1-4</td>
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- "A" document defining the general state of the art which is not considered to be of particular relevance
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Further documents are listed in the continuation of Box C. See patent family annex.

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