

Title (en)
THREE-PHASE ELECTRICAL CONNECTION SYSTEM

Title (de)
DREIPHASIGES ELEKTRISCHES VERBINDUNGSSYSTEM

Title (fr)
SYSTÈME DE CONNEXION ÉLECTRIQUE TRIPHASÉE

Publication
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Application
EP 20723422 A 20200507

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Abstract (en)
[origin: WO2020229321A1] The invention relates to a three-phase electrical connection system comprising a socket (S), an electric plug (F) and a magnetic indexing device (1) in two parts, a first part (2) fixed to the socket (S) and a second part (3) rigidly connected to the plug (F), the first part (2) and the second part (3) of the magnetic indexing device each comprising: - a yoke (20, 30); - three identical permanent magnets (201_1, 201_2, 201_3, 301_1, 301_2, 301_3) from a first set, each fixed on a separate annular portion of the yoke; - the three magnets being spaced apart from each other by a first non-zero constant angular interval (I1); - the magnets all having the same magnetic orientation, parallel to the axis of rotation, the permanent magnets of the first part being magnetically attracted by the permanent magnets of the second part.

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