

Title (en)
SEPARATOR UNIT WITH ELECTROMAGNETIC DRIVE

Title (de)
TRENNEREINHEIT MIT ELEKTROMAGNETISCHEM ANTRIEB

Title (fr)
UNITÉ DE SÉPARATEUR AVEC ENTRAÎNEMENT ÉLECTROMAGNÉTIQUE

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Abstract (en)
[origin: WO2015058813A1] The invention relates to a mechanical separating unit 1 for interrupting a line. The separating unit 1 comprises a contact arrangement and an electromagnetic drive means 5, 6. The contact arrangement has a first and a second fixed contact 2, 3 and a guided moving contact 4. The electromagnetic drive means 5, 6 is designed to move the moving contact 4. The separating unit 1 can assume a first and a second state, wherein no electric connection exists between the first and the second fixed contact 2, 3 in the first state, and the moving contact 4 electrically connects the two fixed contacts 2, 3 to each other in the second state. The separating unit 1 can be transferred from the second state into the first state by moving the moving contact 4. The invention is characterized in that the second fixed contact 3 has a recess 31 for receiving the moving contact 4, and the moving contact 4 engages at least partly into the recess 31 when the separating unit 1 is in the first state.

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