Title (en)

MIXING DEVICE HAVING INDUCTION HEATING

Title (de)

MISCHVORRICHTUNG MIT INDUKTIONSHEIZUNG

Title (fr)

DISPOSITIF DE MÉLANGE AVEC CHAUFFAGE PAR INDUCTION

Publication

EP 2322013 B1 20120104 (DE)

Application

EP 09780661 A 20090715

Priority

- EP 2009059098 W 20090715
- DE 102008041104 A 20080807

Abstract (en)

[origin: US9295109B2] The present invention concerns a mixing device having a preferably rotating container for accommodating material to be mixed, at least one mixing tool arranged in the interior of the container and a heating device for heating the material to be mixed. To provide a mixing device of the kind set forth in the opening part of this specification which permits the fastest possible heating of the material to be mixed, preferably also to temperatures higher than 200° C., it is proposed in accordance with the invention that the container at least partially comprises an electrically conductive material and the heating device has at least one coil which can be excited by an electric alternating field and which is so arranged that eddy currents are produced in the electrically conductive material of the container by the magnetic field change which occurs when the current flow changes.

IPC 8 full level

B01F 29/64 (2022.01); **H05B 6/02** (2006.01); **B01F 29/63** (2022.01); **B22C 5/18** (2006.01)

CPC (source: EP KR US)

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