

Title (en)

MIXING DRUM ROTATION SPEED CONTROL METHOD AND APPARATUS, AND MIXER TRUCK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DER ROTATIONSGESCHWINDIGKEIT EINER MISCHTROMMEL UND MISCHERFAHRZEUG

Title (fr)

PROCÉDÉ ET APPAREIL DE COMMANDE DE VITESSE DE ROTATION DE TAMBOUR MÉLANGEUR, ET CAMION MÉLANGEUR

Publication

EP 4375036 A1 20240529 (EN)

Application

EP 22860096 A 20220715

Priority

- CN 202110968791 A 20210823
- CN 2022105877 W 20220715

Abstract (en)

Disclosed are a mixing drum speed control method, a device and a mixing truck, the method includes: obtaining a top-mounted power take-off (PTO) switch status and a key switch status of a mixing truck; in response to the top-mounted PTO switch being turned off and the key switch being turned on, controlling a mixing drum driving motor to decelerate, and obtaining a current speed of the mixing drum driving motor; and in response to the current speed of the mixing drum driving motor being less than a first speed setting value, performing zero-speed control on the mixing drum driving motor continuously. The method, device and mixing truck provided by the present application will not cause the unloading phenomenon due to instantaneous reversal of inertia, which avoids the generation of reversal impact force to the greatest extent, alleviates the driving discomfort, and improves the driver's driving experience.

IPC 8 full level

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CPC (source: CN EP)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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