

Title (en)
STRIKING MECHANISM WITH A VARIABLE ROTATORY DRIVE

Title (de)
SCHLAGWERK MIT VARIABLEM ROTATORISCHEM ANTRIEB

Title (fr)
MÉCANISME DE FRAPPE AVEC ENTRAÎNEMENT ROTATIF VARIABLE

Publication
EP 2310171 B1 20140312 (DE)

Application
EP 09777496 A 20090728

Priority

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Abstract (en)
[origin: WO2010012453A1] A percussion mechanism has a motor (1), a drive piston (7) which can be moved to and fro in a guide cylinder (8) by the motor, and a percussion piston (9). A coupling device (5, 6) is active between the drive piston (7) and the percussion piston (9), via which coupling device (5, 6) the movement of the drive piston (7) is transmitted to the percussion piston (9). The motor (1) can be configured as a reluctance motor or as a synchronous motor. The motor can be actuable in such a way that different rotational speeds of the rotor can be generated within a percussion cycle and/or from percussion cycle to percussion cycle.

IPC 8 full level
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