

Title (en)  
PORTABLE MOTOR-DRIVEN ELECTRICAL TOOL

Publication  
**EP 0352369 B1 19910417 (DE)**

Application  
**EP 88121465 A 19881222**

Priority  
DE 3824021 A 19880715

Abstract (en)  
[origin: EP0352369A1] Electrical tool for the mixing of at least two substances. The mixer is driven by a spindle gear wheel which is provided with a hollow hub and with claws on its endface towards the mixer, which claws interact with recesses made in the mixer, allowing the mixer to be set in rotation. A shaft journal (66), provided with a longitudinal tooth gearing (67), is connected in a rotationally fixed manner to the hollow hub (36) of the spindle gear wheel (33) and has arranged longitudinally displaceably on it a coupling element (68), which has a corresponding longitudinal tooth gearing (67') and contains spring-mounted coupling pins (69). The coupling pins correspond with the recesses (37) in the mixer (26) and the longitudinal displacement of the coupling element (68) is performed by means of a sliding member (73), which on the one hand acts on the coupling element and on the other hand can be operated by the cover (32) in such a way that, when the cover is swung up, it interrupts the frictional connection between mixer (26) and coupling element (68) and automatically re-establishes the said connection when the cover is closed. <IMAGE>

IPC 1-7  
**B29B 7/74**

IPC 8 full level  
**B01F 13/00** (2006.01); **B05C 17/005** (2006.01)

CPC (source: EP)  
**B01F 27/0722** (2022.01); **B01F 27/0724** (2022.01); **B01F 27/112** (2022.01); **B01F 33/5011** (2022.01); **B05C 17/00566** (2013.01); **B05C 17/0103** (2013.01); **B01F 2101/2305** (2022.01)

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