

Title (en)  
Improvements in or relating to mixer devices.

Title (de)  
Mischer.

Title (fr)  
Mélangeurs.

Publication  
**EP 0036325 A2 19810923 (EN)**

Application  
**EP 81301111 A 19810317**

Priority  
GB 8008927 A 19800317

Abstract (en)  
A mixer device suitable for mixing or disintegrating materials which, when subjected to mixing or disintegration, give off noxious gases or infectious bacteria. The device includes a mixer head comprising a rotor element and a stator element which is supported below a lid for an open-topped mixing vessel. A rotor shaft extends upwardly from the head and through an aperture in the lid. A seal is provided between the rotor shaft and the lid and the lid is adapted for sealing engagement with the vessel. A drive motor is mounted on a support with an output shaft thereof extending downwardly towards the rotor shaft. Means are provided for releasably coupling the motor shaft to the rotor shaft and cooperating locating means are provided on the lid and on the motor support. The motor support is movable along a vertical guide and operating means are provided for moving the support downwardly along the guide until the motor shaft is coupled to the rotor shaft and the locating means on the support engage the locating means on the lid.

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**B01F 13/04**; B01F 15/00; B01F 7/18; B01L 11/00

IPC 8 full level  
**B01F 35/60** (2022.01)

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Cited by  
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