

Title (en)
Horizontal mixer with scrapers

Title (de)
Horizontalmischer mit Abstreifern

Title (fr)
Mixeur horizontal avec racleurs

Publication
EP 1352683 B1 20050105 (DE)

Application
EP 03002886 A 20030208

Priority
DE 10215639 A 20020409

Abstract (en)
[origin: EP1352683A1] A mixer comprises a rotating shaft (1) supporting a number of mixing blades (3) assigned to mixing sections, and scrapers (9) which scrap a wall of the mixer when the shaft rotates. The scrapers are fixed to the mixing blades and extend in the mixer section of a neighboring mixing blade. Preferred Features: Two neighboring mixing blades are displaced from each other in the peripheral direction. The scrapers are arranged on the ends of the mixing blades. The scrapers are aligned in an axis-parallel manner. The mixing blades support one scraper on the front end (17) and on the rear end (18) of a mixing blade. The scrapers can be pressed against the wall of the mixer in controlled manner.

IPC 1-7
B01F 7/04; **B01F 15/00**

IPC 8 full level
B01F 7/00 (2006.01); **B01F 7/04** (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP)
B01F 27/07261 (2022.01); **B01F 27/091** (2022.01); **B01F 27/70** (2022.01); **B01F 2215/0431** (2013.01)

Cited by
EP1854532A1; EP2561925A1

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EP 1352683 A1 20031015; **EP 1352683 B1 20050105**; DE 10215639 A1 20031023; DE 50300234 D1 20050210

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