

Title (en)

Automatic paint mixing machine

Title (de)

Automatische Farbmischmaschine

Title (fr)

Machine automatique à mélanger la peinture

Publication

**EP 0987056 A3 20020130 (FR)**

Application

**EP 99402178 A 19990903**

Priority

US 15351898 A 19980915

Abstract (en)

[origin: US5947598A] Automatic paint stirring equipment having a rack with a plurality of vertically spaced drive units wherein each drive unit has an interior. A closed loop belt is rotatably mounted within the interior of each drive unit and this belt has longitudinally spaced teeth on one side of it. A motor rotatably drives the drive belts in the drive units in unison with each other. The shelves support one or more paint cans in a side by side relationship with each can having a cover disposed across its open top. A stirring element is disposed within the interior of the paint can while a shaft is connected to the stirring element and rotatably mounted to the cover so that a portion of the shaft protrudes upwardly from the cover. A gear wheel is coaxially secured to the upwardly protruding portion of the shaft. A guide assembly is secured to the rack and engages the drive shaft to guide the drive shaft between an engaged position, in which the gear wheel on the drive shaft meshingly engages the drive belt from the drive unit, and a disengaged position in which the paint can with its attached cover is removed from the rack for use.

IPC 1-7

**B01F 13/10**

IPC 8 full level

**B01F 7/16** (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP US)

**B01F 27/88** (2022.01 - EP US); **B01F 35/3231** (2022.01 - EP US); **B01F 35/42** (2022.01 - EP US); **Y10S 366/605** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5498076 A 19960312 - KRZYWDZIAK ALAIN [FR]
- [A] FR 2102417 A5 19720407 - FILLON ROGER
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 5947598 A 19990907**; AT E288786 T1 20050215; DE 69923636 D1 20050317; DE 69923636 T2 20060316; EP 0987056 A2 20000322; EP 0987056 A3 20020130; EP 0987056 B1 20050209; FR 2783177 A1 20000317; FR 2783177 B1 20030103

DOCDB simple family (application)

**US 15351898 A 19980915**; AT 99402178 T 19990903; DE 69923636 T 19990903; EP 99402178 A 19990903; FR 9900573 A 19990120