

Title (en)  
**MIXER**

Publication  
**EP 0189507 A3 19890426 (EN)**

Application  
**EP 85102905 A 19850313**

Priority  
**JP 1012085 U 19850126**

Abstract (en)  
[origin: EP0189507A2] An improved mixer is proposed which has a casing, a rotary shaft extending horizontally through the casing, an outer helical blade mounted on the rotary shaft for moving the materials in one direction, an inner helical blade mounted on the rotary shaft for moving the materials in the opposite direction, and an auxiliary screw blade for moving the materials in the same direction as the inner blade does.

IPC 1-7  
**B01F 7/08**

IPC 8 full level  
**B01F 7/08** (2006.01)

CPC (source: EP)  
**B01F 27/721** (2022.01); **B01F 27/726** (2022.01)

Citation (search report)  
• [A] DE 2320431 A1 19741107 - WILLIAMS WILLIAM THOMAS  
• [A] GB 2060419 A 19810507 - HAMPTONS AERCRETE LTD  
• [A] DE 1112384 B 19610803 - BAUMGARTEN MUEHLEN SPEICHERBAU  
• [A] US 4428535 A 19840131 - VENETUCCI JIM M [US]  
• [A] GB 2028151 A 19800305 - KIDD A W, et al  
• [A] DE 1045372 C  
• [A] DE 1607775 B2 19721019  
• [A] DE 1457150 A1 19681212 - SCHAFFER FRANCIS CALMES, et al

Cited by  
AT401926B; CN107176424A; WO2013067867A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0189507 A2 19860806; EP 0189507 A3 19890426**; JP S61125336 U 19860806; JP S6333624 Y2 19880907

DOCDB simple family (application)  
**EP 85102905 A 19850313**; JP 1012085 U 19850126