

Title (en)
ATTACHMENT FOR MILL LININGS

Publication
EP 0064049 A3 19840606 (DE)

Application
EP 82890059 A 19820422

Priority
AT 187381 A 19810427

Abstract (en)
[origin: US4485975A] Apparatus for lining the shell of a tumbling mill and anchoring liner plates by wedge-shaped elements include a lining system including a plurality of spaced liner rings constituted by interfitted liner plates and securing rings each having a wedge-shaped cross-section and being situated between a pair of adjacent liner rings so that each liner ring is retained in position by a pair of securing rings and wherein the securing rings are fixed to the shell of the tumbling mill, such as by bolts or the like.

IPC 1-7
B02C 17/22

IPC 8 full level
B02C 17/22 (2006.01)

CPC (source: EP US)
B02C 17/22 (2013.01 - EP US)

Citation (search report)

- [X] DE 1050642 B
- [X] DE 2001194 A1 19710408 - BARGERIO CAMILLO
- [Y] DE 1221537 B 19660721 - BETEILIGUNGS & PATENTVERW GMBH
- [A] FR 2069545 A5 19710903 - KLOECKNER HUMBOLDT DEUTZ AG
- [A] FR 2208721 A1 19740628 - OESTERR AMERIKAN MAGNESIT [AT]
- [A] AT 329356 B 19760510 - WAAGNER BIRO AG [AT]
- [AD] CH 272033 A 19501130 - SULZER AG [CH]

Cited by
JP2016067981A

Designated contracting state (EPC)
BE DE FR GB IT SE

DOCDB simple family (publication)
EP 0064049 A2 19821103; EP 0064049 A3 19840606; EP 0064049 B1 19870204; AT 380185 B 19860425; AT A187381 A 19850915; AU 8280582 A 19821104; CA 1183114 A 19850226; DE 3275353 D1 19870312; US 4485975 A 19841204; ZA 822832 B 19830427

DOCDB simple family (application)
EP 82890059 A 19820422; AT 187381 A 19810427; AU 8280582 A 19820419; CA 401765 A 19820427; DE 3275353 T 19820422; US 37041082 A 19820421; ZA 822832 A 19820426