

Title (en)  
DRY AUTOGENOUS MILL

Publication  
**EP 0046753 B1 19860723 (EN)**

Application  
**EP 80901675 A 19800227**

Priority  
US 8000198 W 19800227

Abstract (en)  
[origin: WO8102396A1] A mill liner for a dry autogenous mill includes low profile end liner elements (12, 15) at the ends of the mill incorporating radial ribs (19, 20, 21) with proper height to provide significantly improved mill performance without sacrificing the grinding efficiency. Shell liner elements (40 or 44) are also provided with lifter bars (41 or 43) as an integral part thereof to simplify maintenance work as well as reduce scrap losses. For the larger size mills, the shell liners are preferably made of a three piece design, a middle section (44) and two identical end sections (45), thus permitting the middle section which bears most of the wear to be replaced without having to replace the two end sections.

IPC 1-7  
**B02C 17/22**

IPC 8 full level  
**B02C 17/04** (2006.01); **B02C 17/22** (2006.01)

CPC (source: EP)  
**B02C 17/22** (2013.01)

Cited by  
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DOCDB simple family (publication)  
**WO 8102396 A1 19810903**; AU 537248 B2 19840614; AU 6722281 A 19810903; DE 3071664 D1 19860828; EP 0046753 A1 19820310; EP 0046753 A4 19840404; EP 0046753 B1 19860723; IN 155356 B 19850119; JP S57500184 A 19820204; JP S6235821 B2 19870804; ZA 81680 B 19820224

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**US 8000198 W 19800227**; AU 6722281 A 19810212; DE 3071664 T 19800227; EP 80901675 A 19800227; IN 64DE1981 A 19810204; JP 50204480 A 19800227; ZA 81680 A 19810202