

Title (en)  
COMPRESSOR UNIT WITH AN OIL SLINGER DEVICE.

Title (de)  
KOMPRESSORAGGREGAT MIT ÖLSPRÜHANLAGE.

Title (fr)  
COMPRESSEUR AVEC PROJECTEUR D'HUILE.

Publication  
**EP 0107728 A4 19840906 (EN)**

Application  
**EP 83901997 A 19830503**

Priority  
US 37405082 A 19820503

Abstract (en)  
[origin: WO8303877A1] An oil slinging device is provided in a compressor utilizing a centrifugal oil pump (50) to pump oil from a sump (58) in the bottom of the compressor upwardly through an axially disposed oil passage (60) in the crankshaft (18). The device is an elongated, rigid tube (68) connected to the upper end of the crankshaft and in communication with the oil passage, and is angularly disposed outwardly in relation to the rotational axis of the crankshaft to dispose its remote upper end (70) upwardly and radially outwardly from the periphery of the rotating crankshaft. Oil pumped through the device by the oil pump is slung radially outwardly against the interior surfaces (73) of the compressor housing (12) in order to allow the oil to flow downwardly along the compressor housing inner surfaces, thereby cooling the oil by conducting heat energy therefrom to the compressor housing (12).

IPC 1-7  
**F04B 17/00**

IPC 8 full level  
**F04B 17/00** (2006.01); **F04B 39/02** (2006.01)

IPC 8 main group level  
**F04B** (2006.01)

CPC (source: EP)  
**F04B 39/0269** (2013.01)

Citation (search report)  
• [X] US 2628016 A 19530210 - HIGHAM WILLIAM W  
• [X] FR 1156042 A 19580512

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DOCDB simple family (publication)  
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