

Title (en)  
Compressor bleed structure.

Title (de)  
Abblastruktur eines Verdichters.

Title (fr)  
Structure de soutirage de compresseur.

Publication  
**EP 0487242 B1 19950920 (EN)**

Application  
**EP 91310455 A 19911113**

Priority  
US 61567690 A 19901119

Abstract (en)  
[origin: EP0487242A1] A high pressure compressor flowpath bleed extraction slot (62) is provided wherein an articulated portion (64) of the outer band (44) of the compressor forms a slot for providing efficient conversion of core air to diffuser air while retaining substantial pressure and velocity energies. The diffuser slot (62) can be applied to an earlier compressor stage with improved performance. <IMAGE>

IPC 1-7  
**F04D 27/02**

IPC 8 full level  
**F02C 9/16** (2006.01); **F02C 7/00** (2006.01); **F02C 9/18** (2006.01); **F04D 27/02** (2006.01)

CPC (source: EP)  
**F04D 29/542** (2013.01); **F04D 27/023** (2013.01)

Cited by  
CN113847280A; US9260974B2; US9145772B2; US9528391B2; EP2803822B1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0487242 A1 19920527**; **EP 0487242 B1 19950920**; CA 2048829 A1 19920520; CA 2048829 C 20011218; DE 69113209 D1 19951026; DE 69113209 T2 19960502; JP 2513954 B2 19960710; JP H04284136 A 19921008

DOCDB simple family (application)  
**EP 91310455 A 19911113**; CA 2048829 A 19910808; DE 69113209 T 19911113; JP 32511991 A 19911114