

Title (en)  
IMPELLER WHEEL FOR ABRASIVE-BLASTING DEVICES

Publication  
**EP 0004886 B1 19811104 (DE)**

Application  
**EP 79100943 A 19790329**

Priority  
DE 2816602 A 19780417

Abstract (en)  
[origin: US4227351A] A centrifugal wheel assembly includes a disc-type guide wheel having a rotary axis; and a plurality of impeller vanes oriented radially with respect to the guide wheel. Each impeller vane has oppositely located particle propelling surfaces of identical shape. Each impeller vane has a longitudinal axis and a transverse axis oriented perpendicularly to the longitudinal axis. Both axes are contained in a central plane passing through the impeller vane and oriented parallel to the particle propelling surfaces. The impeller vane is symmetrical with respect to both axes. Each impeller vane further has recesses at its mid length; the recesses are arranged symmetrically with respect to both axes and receive clamping elements for releasably fastening each impeller vane to the guide wheel.

IPC 1-7  
**B24C 5/06**; B65G 31/04

IPC 8 full level  
**B24C 5/06** (2006.01)

CPC (source: EP US)  
**B24C 5/062** (2013.01 - EP US)

Cited by  
EP0033819A3; EP0023563A1

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

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**EP 0004886 A1 19791031; EP 0004886 B1 19811104**; AT 359859 B 19801210; AT A218479 A 19800415; DE 2816602 A1 19791025; DK 147934 B 19850114; DK 147934 C 19850819; DK 154479 A 19791018; US 4227351 A 19801014

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**EP 79100943 A 19790329**; AT 218479 A 19790323; DE 2816602 A 19780417; DK 154479 A 19790411; US 2867379 A 19790410