

Title (en)  
A centrifugal pump.

Title (de)  
Kreispumpe.

Title (fr)  
Pompe centrifuge.

Publication  
**EP 0456596 A1 19911113 (EN)**

Application  
**EP 91610041 A 19910506**

Priority  
DK 117290 A 19900510

Abstract (en)  
A centrifugal pump comprises a casing and a rotary impeller (1) provided with a cover plate (8) and a plurality of spacing blade means (2) fastened thereto. Radially seen, each spacing blade means comprises an outer, solid section (2b min , 2bo) and an inner section having at least one cavity (16, 17). The outer section forms an integral part with the inner section or is joined therewith. As a result the impeller is easily adapted to the desired operating conditions (capacity, pressure) without affecting the flow conditions at the outer periphery of the impeller, because a slight adaptation of the spacing blade means diameter by turning only results in removing material from the outer, solid section but not from the hollow section. The latter remains undamaged, and the flow conditions are consequently excellent. <IMAGE>

IPC 1-7  
**F04D 29/22**

IPC 8 full level  
**F04D 29/22** (2006.01)

CPC (source: EP)  
**F04D 29/2216** (2013.01); **F04D 29/2222** (2013.01)

Citation (search report)  
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