

Title (en)  
REDUCIBLE RELIEF OPENING

Title (de)  
REDUZIERBARE ENTLASTUNGSÖFFNUNG

Title (fr)  
OUVERTURE DE DÉCHARGE RÉDUCTIBLE

Publication  
**EP 2359009 B1 20120919 (DE)**

Application  
**EP 09774627 A 20091201**

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• DE 102008062584 A 20081216

Abstract (en)  
[origin: WO2010072307A1] The invention relates to a single or multi-stage centrifugal pump having a driven impeller (1) or impellers disposed in the pump housing and a shaft seal. The impeller has one or more adjustable relief openings (4) in at least one cover disc (3). One or more sleeve-like inserts (12, 13) are disposed in one or more relief openings (4).

IPC 8 full level  
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Cited by  
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DOCDB simple family (publication)  
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