

Title (en)
RETAINING ELEMENT AND FLUID FLOW ENGINE

Title (de)
SICHERUNGSELEMENT UND STRÖMUNGSMASCHINE

Title (fr)
ÉLEMENT DE RETENUE ET TURBOMACHINE

Publication
EP 3061917 B1 20180606 (DE)

Application
EP 16151258 A 20160114

Priority
DE 102015203290 A 20150224

Abstract (en)
[origin: US2016245101A1] A locking element for a row of blades of a turbomachine includes a number of blades that are inserted by their roots in an anchoring groove on the rotor side and are thereby held in the radial direction in form-fitting manner in the anchoring groove. The locking element has a basic body that has a front bearing surface and a back bearing surface for form-fitting with opposite-lying groove surfaces, a front lock projection and a back lock projection for engaging in opposite-lying recesses of the anchoring groove, and a threaded region for interacting with a tightening element. Access to the threaded region for the tightening element is blocked on one side.

IPC 8 full level
F01D 5/30 (2006.01); **F01D 5/32** (2006.01)

CPC (source: EP US)
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Designated contracting state (EPC)
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