

Title (en)  
Vehicle radiator turbulator.

Title (de)  
Turbulator für einen Fahrzeugradiator.

Title (fr)  
Turbulateur pour radiateur de véhicule.

Publication  
**EP 0282148 A2 19880914 (EN)**

Application  
**EP 88300449 A 19880120**

Priority  
GB 8701255 A 19870121

Abstract (en)  
A turbulator for a vehicle radiator tube 11 comprises an elongate element which is inserted into the tube and is provided with a flow deflecting vane or vanes orientated to enhance turbulence in water flowing through the tube. Locking means 25 comprising two resilient tongues 26, 27 are provided at a leading end of the element. These tongues deflect inwardly to allow insertion of the turbulator into the tube and spring outwardly to lock behind the end of the tube after insertion.

IPC 1-7  
**F28F 13/12**

IPC 8 full level  
**F28F 13/12** (2006.01)

CPC (source: EP)  
**F28F 13/12** (2013.01)

Cited by  
DE29709073U1; DE9420659U1; JP2017090412A; US8755682B2

Designated contracting state (EPC)  
BE DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**GB 2200201 A 19880727; GB 8701255 D0 19870225; EP 0282148 A2 19880914; EP 0282148 A3 19881026**

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