

Title (en)
Static mixing element

Title (de)
Statisches Mischelement

Title (fr)
Élément de mélange statique

Publication
EP 2277620 A3 20110216 (DE)

Application
EP 10182884 A 20080610

Priority
• EP 08760786 A 20080610
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Abstract (en)
[origin: WO2009000642A1] A static mixing element for installation into a hollow body (10) contains a multiplicity of ridge elements, wherein a first arrangement (21) comprising at least one first ridge element (3) is provided which is arranged crosswise with respect to a second arrangement (31) which contains at least one second ridge element (4). The first arrangement (21) and the second arrangement (31) enclose an angle not equal to 0° to the main direction of flow. The first arrangement encloses together with the second arrangement an angle greater than 0°. On projection of the first arrangement (21) and the second arrangement (31) onto a projection plane which is normal to the main flow direction, at least in part spaces are present between ridge elements which are adjacent to one another.

IPC 8 full level
B01F 23/47 (2022.01)

CPC (source: EP KR US)
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Citation (search report)
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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WO 2009000642 A1 20081231; AT E532579 T1 20111115; AT E549079 T1 20120315; BR PI0813433 A2 20150818; BR PI0813433 B1 20181204; CA 2691049 A1 20081231; CA 2691049 C 20150519; CN 101743055 A 20100616; CN 101743055 B 20130327; CN 102861522 A 20130109; EP 2158027 A1 20100303; EP 2158027 B1 20111109; EP 2158027 B2 20160427; EP 2277620 A2 20110126; EP 2277620 A3 20110216; EP 2277620 B1 20120314; EP 2277620 B2 20150218; ES 2375592 T3 20120302; ES 2375592 T5 20160608; ES 2382230 T3 20120606; ES 2382230 T5 20150313; JP 2010530819 A 20100916; JP 2013212508 A 20131017; JP 5555622 B2 20140723; KR 101516331 B1 20150504; KR 20100022995 A 20100303; MX 2009013424 A 20100115; RU 2010101901 A 20110727; RU 2470702 C2 20121227; TW 200906480 A 20090216; TW I417135 B 20131201; US 2010202248 A1 20100812; US 8491180 B2 20130723

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