

Title (en)
Impeller for centrifugal pump

Title (de)
Lauftrad für eine Kreiselpumpe

Title (fr)
Roue pour pompe centrifuge

Publication
EP 2503156 A1 20120926 (EN)

Application
EP 11002276 A 20110320

Priority
EP 11002276 A 20110320

Abstract (en)
A pump rotor is characterized by the fact that the rear shield diameter (1) is from 0.99 to 0.70 of the frontal shield diameter (2), whereas outlet blade(2) edges (2) are parallel on its all length to the axis of rotor rotation. Outlet blade edges have got skips to be al wide, being from 0.01 to 0.9 of rotor discharge channel width; however its height a2 is from 0.01 to 0.5 of its width.

IPC 8 full level
F04D 29/22 (2006.01)

CPC (source: EP)
F04D 29/2216 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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