

Title (en)
CENTRIFUGAL PUMP ASSEMBLY

Title (de)
KREISELPUMPENAGGREGAT

Title (fr)
GROUPE POMPE CENTRIFUGE

Publication
EP 3156663 B1 20190724 (DE)

Application
EP 15189912 A 20151015

Priority
EP 15189912 A 20151015

Abstract (en)
[origin: US2017108007A1] A water supply system (1) includes an electric motor (8) and a centrifugal pump (7) which is driven by the electric motor (8) and with at least one impeller (10) which produces a main delivery flow (29) through an annular space (12) as well as a cooling fluid delivery flow (30) through a space (28) surrounding the motor (8). The annular space (12) is divided by two guide vanes into part-annular-spaces (23, 24) which have a different pressure level on operation. Each part-annular-space (23, 24) is conductively connected to the space (28) which surrounds the motor (8) and through which the cooling fluid runs.

IPC 8 full level
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CPC (source: CN EP US)
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