

Title (en)
PISTON ASSEMBLY OF COOLER

Title (de)
KOLBENANORDNUNG FÜR EINEN KÜHLER

Title (fr)
ENSEMBLE DE PISTON POUR REFROIDISSEUR

Publication
EP 1658434 A4 20100721 (EN)

Application
EP 03817664 A 20030725

Priority
KR 0301496 W 20030725

Abstract (en)
[origin: WO2005010364A1] There is provided a piston assembly configured to include: a hollow cylinder-shaped magnet sleeve having a magnet(s) bonded on external circumferential surface thereof; a hollow cylinder-shaped piston inserted into a hollow space of the magnet sleeve; and a hollow disc-shaped ring fixed to the piston by a shrink fitting process, and welded to the magnet sleeve which is made of the same material as the ring so as to obtain a configuration of the piston assembly in which the magnet sleeve and the piston are coupled to each other.

IPC 8 full level
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CPC (source: EP US)
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H02K 33/16 (2013.01 - EP US)

Citation (search report)

- [Y] WO 02095232 A1 20021128 - LG ELECTRONICS INC [KR], et al
- [Y] GB 1588515 A 19810423 - ASS ENG LTD
- See references of WO 2005010364A1

Designated contracting state (EPC)
DE FR GB NL

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EP 1658434 A1 20060524; EP 1658434 A4 20100721; JP 2007518909 A 20070712; JP 4220517 B2 20090204; US 2007048156 A1 20070301

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