

Title (en)
ADJUSTABLE MAGNETIC MULTIPOLE

Title (de)
EINSTELLBARER MAGNETISCHER MULTIPOL

Title (fr)
MULTI-POLE MAGNETIQUE REGLABLE

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Application
EP 15766410 A 20150827

Priority
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Abstract (en)
[origin: WO2016034490A1] The present invention relates to a magnetic multipole(1) including: N permanent magnet portions (2) (N=4 in the figure of the abstract) arranged, along a sectional plane, around a central point (3), N being a positive integer no lower than 2, N portions (4) of a ferromagnetic material arranged, along the sectional plane, around the central point (3), the permanent magnet portions (2) and the ferromagnetic portions (4) being contained in the sectional plane in an annular area (5) around the central point (3) while being distributed alternately in the annular area (5), and peripheral permanent magnets (6), each peripheral permanent magnet (6) being mounted such as to be rotatable about an axis of rotation (7) which is specific thereto and is located beyond the annular area (5) relative to the central point (3). The invention is useful in particle accelerators.

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