

Title (en)
MAGNETIC DEVICE FOR SORTING BIOLOGICAL OBJECTS

Title (de)
MAGNETISCHE VORRICHTUNG ZUM SORTIEREN VON BIOLOGISCHEN OBJEKTEN

Title (fr)
DISPOSITIF MAGNÉTIQUE DE TRI D'OBJETS BIOLOGIQUES

Publication
EP 4378590 A1 20240605 (EN)

Application
EP 23197324 A 20230914

Priority
• US 202263406437 P 20220914
• US 202218072362 A 20221130

Abstract (en)
A magnetic device for processing biological objects including a soft magnetic center pole having a bottom end and a tapered tip end; first and second soft magnetic side poles disposed on opposite sides of the soft magnetic center pole and respectively having first and second bottom ends, the first and second soft magnetic side poles respectively having first and second top ends that bend inward toward the soft magnetic center pole with a first outward side of the first top end and a second outward side of the second top end being substantially coplanar; a magnetic flux source generating magnetic flux in the soft magnetic center pole and the first and second soft magnetic side poles; and a channel plate having a channel embedded therein and a first planar surface that is operable to be in contact with or in close proximity to the first and second outward sides.

IPC 8 full level
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CPC (source: EP)
B03C 1/288 (2013.01); **B03C 2201/18** (2013.01); **B03C 2201/22** (2013.01); **B03C 2201/26** (2013.01)

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