

Title (en)

MAGNET AND METHOD FOR HANDLING METAL SHEETS

Title (de)

MAGNET UND VERFAHREN ZUR HANDHABUNG VON METALLBLECHEN

Title (fr)

AIMANT ET PROCÉDÉ DE MANUTENTION DE FEUILLES MÉTALLIQUES

Publication

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Application

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Abstract (en)

[origin: WO2015114220A1] The present invention relates to a magnet (100), which comprises a body (101) and a slide (110) that is arranged to be movable relative to the body (101). The slide (110) comprises a permanent magnet (111), and a first and a second pole piece (112, 113) that are attached to opposite magnetic pole surfaces of the permanent magnet (111). The body (101) comprises a first and a second section (103, 104) made of magnetic material for directing magnetic flux to an object (200) to be attached. The first and the second section (103, 104) are separated and attached to a third section (105) of the body (101), which third section (105) is made of non-magnetic material. The first section (103) comprises a hole (106) that opens at a first end into a first cavity (107) and at a second end into a second cavity (108) of the body (101), the first and the second cavity (107, 108) containing a medium. The magnet (100) further comprises means (116, 117, 118, 119, 120) for transferring the medium into and out of the first and the second cavity (107, 108) in order to move the slide (110) that is movably arranged in the hole (106). The invention also relates to a method for handling metal sheets (200).

IPC 8 full level

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Cited by

EP3857575A4; US11839954B2; US11901141B2; US11901142B2; US11772214B2; US11780039B2; US11931846B2

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