

Title (en)
Sputter ion source

Title (de)
Sputterionenquelle

Title (fr)
Source d'ions à pulvérisation cathodique

Publication
EP 1396870 A3 20040721 (DE)

Application
EP 03017996 A 20030807

Priority
DE 10241252 A 20020906

Abstract (en)
[origin: EP1396870A2] A source for sputter ions includes an ionizer (2), a cathode (3), a sputter insert (4), an activation electrode (5), a shielding cap (6) and a cathode insulator (7) in a vacuum-sealed casing. A shielding electrode (1) fits with a hollow cylindrical shape around a sputter cathode consisting of the cathode, the sputter insert and the shielding cap.

IPC 1-7
H01J 27/20; H01J 27/22

IPC 8 full level
H01J 27/04 (2006.01)

CPC (source: EP US)
H01J 27/04 (2013.01 - EP US)

Citation (search report)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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