

Title (en)

Injection head for a high pressure injection of suspension into a base

Title (de)

Injektionskopf für eine Hochdruckinjektion von Suspension in einen Boden

Title (fr)

Tête d'injection pour une injection à haute pression de suspension dans un sol

Publication

EP 2933380 B1 20160824 (DE)

Application

EP 14165047 A 20140417

Priority

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Abstract (en)

[origin: CA2886940A1] The invention relates to an injection head for a high-pressure injection of suspension into a ground, with a tubular base body, an upper attachment area, a lower attachment area, at least one radially directed injection nozzle, at least one injection line which extends from the upper attachment area to the at least one injection nozzle in order to supply an injection suspension, at least one air line which extends from the upper attachment area to the at least one injection nozzle in order to supply air, at least one flush fluid duct which extends to the lower attachment area in order to convey a flush fluid, and a valve means for opening and closing the flush fluid duct. A robust valve means is attained in that the flush fluid duct is line-connected to the air line via a connection area, that the valve means is arranged in the connection area between the flush fluid duct and the air line and in that the valve means is designed to block the flush fluid duct if air has flowed into the connection area.

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