

Title (en)
POLYION COMPLEXES

Title (de)
POLYIONEN-KOMPLEXE

Title (fr)
COMPLEXES POLYIONIQUES

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Application
EP 20719979 A 20200414

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Abstract (en)
[origin: WO2020212358A1] The present invention relates to a polyion complex, comprising x mol polycations and y mol polyanions, wherein x and y are each integers from the range of from 1 to 100 and $x \leq y$ or $x \geq y$. The invention further relates to a method for producing such a polyion complex, to an aqueous solution of a polyion complex obtained or obtainable according to this method, and to an aqueous solution of such a polyion complex itself. The invention also relates to the use of the polyion complex as a conditioning or structuring agent for removed soil material, to a structured or conditioned soil material comprising such a polyion complex and to the use of a structured or conditioned soil material comprising such a polyion complex as a support medium, in particular in an excavation chamber of earth-pressure-balance-shield tunnel-boring machines in tunnel construction.

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