

Title (en)

Process for manufacturing a stainless steel expanding anchor

Title (de)

Verfahren zur Herstellung eines aus korrosionsbeständigem Stahl bestehenden Spreizankers

Title (fr)

Procédé pour la fabrication d'une cheville expansible en acier inoxydable

Publication

EP 0721991 B1 20001206 (DE)

Application

EP 95116384 A 19951018

Priority

DE 4445154 A 19941217

Abstract (en)

[origin: US5637158A] A method of manufacturing an expansible anchor comprises the steps of forming one part as a partially slotted expansible sleeve composed of corrosion-resistant steel and anchorable in a building component, forming another part as an expander body composed of corrosion-resistant steel and arranged to be driven into the expansible sleeve so as to anchor the expansible sleeve in the building component, enriching one of the parts with interstitially dissolved, non-metallic alloying constituents selected from the group consisting of carbon, nitrogen and boron, and ageing by heat treating so as to precipitate the alloying constituents in the form selected from the group consisting of carbides, nitrides and borides, respectively, to achieve increased hardness.

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