

Title (en)

Anchor element for tie bars in civil works.

Title (de)

Ankerelement für Zugstäbe im Tiefbau.

Title (fr)

Élément d'ancrage pour tirants dans le génie civil.

Publication

**EP 0134379 A1 19850320 (EN)**

Application

**EP 83830151 A 19830720**

Priority

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Abstract (en)

The anchor element according to the invention comprises a tubular body (2) and an expandable jacket (3) associated to the tubular body (2) near its lower end and communicating with the inside of the tubular body by means of at least a through hole (4). Said expandable jacket (3) can be filled with cement mortar at the fluid state which causes swelling of the expandable jacket (3) itself thus forming an anchor block directly in the ground.

IPC 1-7

**E02D 5/80**

IPC 8 full level

**E02D 5/80** (2006.01)

CPC (source: EP)

**E02D 5/805** (2013.01)

Citation (search report)

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US4773794A; WO2004018781A1; JP2015110894A; JP2015110893A

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