

Title (en)
ANCHOR ELEMENT FOR THE FASTENING OF STEP IRONS IN WALL SURFACES

Publication
EP 0173227 B1 19890118 (DE)

Application
EP 85110429 A 19850820

Priority
DE 3430848 A 19840822

Abstract (en)
[origin: EP0173227A2] 1. Step iron anchor element which can be fastened in wall surfaces (34) and has an internal reinforcement (5) of metal, with at least one insert end (5a) and an anchor sleeve (7) of plastic which sits firmly on the insert end, said anchor sleeve having a frontal terminating cone (8), a central anchoring portion (10) which is a continuation of the terminating cone and is provided with transverse ribs (9), an elastic sealing collar (11) being arranged to be freely displaceable on the end of said anchor sleeve that is opposite the terminating cone (8), characterised in that a) the end of the anchor sleeve (7) is provided with a series of adjacent, continuously encircling annular ribs (13, 18) and annular grooves which form retention members, and b) the sealing collar (11) is a flexible elastomer collar which fits snugly on the annular ribs (13, 18) and on its inside face likewise has a series of annular ribs (15) which cooperate elastically with the annular ribs (13, 18) of the anchor sleeve (7) to form a sealing system of teeth.

IPC 1-7
E06C 9/04

IPC 8 full level
E06C 9/04 (2006.01)

CPC (source: EP)
E06C 9/04 (2013.01)

Cited by
US6874801B2; US5772358A; US5752579A; US6068083A; US6125967A; US6029772A; DE19914886B4; US5967256A; US8985606B2; US6302618B1; USD864069S; US8448967B2; US7731212B2; USD864068S

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