

Title (en)  
STOREY-HIGH CONCRETE STAIRCASE ELEMENT WITH A U-SECTION

Publication  
**EP 0337392 B1 19920122 (DE)**

Application  
**EP 89106413 A 19890411**

Priority  
• DE 3811992 A 19880411  
• DE 3835790 A 19881020

Abstract (en)  
[origin: EP0337392A2] Storey-high concrete staircase element with a U-section, having an outer-wall element, which forms the U-section, with a rectangular outer boundary and an inner boundary curved in the angle region. The inner boundary runs parallel to the line of the flight, the line of the flight being extended without interruption and having at least a winding of 90 DEG . In the angle region between the outer and inner boundary of the outer-wall element, at least one service shaft is provided. The two side walls of the outer-wall element are connected by a beam at the height of the upper floor. In a staircase element constructed in this manner, a stairway construction and a construction for service shafts are advantageously realised at the same time. <IMAGE>

IPC 1-7  
**E04B 1/348; E04F 11/02**

IPC 8 full level  
**E04B 1/348** (2006.01); **E04F 11/02** (2006.01)

CPC (source: EP)  
**E04B 1/34869** (2013.01); **E04F 11/02** (2013.01); **E04F 11/0223** (2013.01)

Cited by  
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**EP 0337392 A2 19891018; EP 0337392 A3 19891129; EP 0337392 B1 19920122**; DE 3835790 C1 19891116; DE 58900745 D1 19920305; ES 2028404 T3 19920701; GR 3003772 T3 19930316

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