

Title (en)

A process to manufacture "in situ" safety barriers for roads.

Title (de)

Verfahren zum Erstellen von Leitwänden an Ort und Stelle.

Title (fr)

Procédé de production in situ de barrières de sécurité.

Publication

EP 0373279 A1 19900620 (EN)

Application

EP 88500124 A 19881215

Priority

ES 8702657 A 19870915

Abstract (en)

A process of manufacturing "in situ" of safety barriers for roads and highways, forming these barriers separating members for opposite traffic ways. The process is based in filling a mould with a suitable material whose density is similar to that for concrete, so to get blocks that, near-by disposed, form the barrier on the road. The moulds are placed in the final location to be filled later directly from a concrete-mixer truck and to have so the barrier without handling the blocks. The mould can be made of any suitable material (polyester, steel sheet, rigid plastics,....) and will have a higher filler mouth and holes for air exit, as well as lower projections that form legs, so that the barrier that has to be made, remains slightly separated from the ground and allows the flow of the water under the mould.

IPC 1-7

E01F 15/00

IPC 8 full level

E01F 15/08 (2006.01)

CPC (source: EP)

E01F 15/083 (2013.01); **E01F 15/085** (2013.01); **E01F 15/086** (2013.01)

Citation (search report)

- [X] FR 2585047 A1 19870123 - TECH SPECIAL SECURITE [FR]
- [Y] US 4406563 A 19830927 - URLBERGER HERMANN H [DE]
- [A] DE 8708908 U1 19870820
- [A] GB 1497860 A 19780112 - CHARCON LTD
- [A] DE 7439889 U
- [A] GB 1327687 A 19730822 - MEAD P R
- [A] WO 8204272 A1 19821209 - ALMER BENGT OENNERT, et al
- [A] EP 0125817 A1 19841121 - QUICK STEEL ENG [AU]
- [A] FR 1430536 A 19660304
- [A] CIVIL ENGINEERING-ASCE, vol. 41, no. 10, October 1971, pages 77-80; E.C. LOKKEN: "Concrete median barrier safely redirects impacting cars"
- [A] STRASSEN- UND TIEFBAU, vol. 35, no. 12, 1981, pages 16-19; E. JAKUBEIT: "Betongleitwände als abweisende Schutzvorrichtung"

Cited by

EP0666376A3; EP0641893A1; CN103103936A; EP0639674A1; GB2407837B; EP2472006A2

Designated contracting state (EPC)

AT BE CH DE FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0373279 A1 19900620; **EP 0373279 B1 19940330**; ES 2005324 A6 19890301

DOCDB simple family (application)

EP 88500124 A 19881215; ES 8702657 A 19870915