

Title (en)
Dorsill structure for out-swinging type door

Title (de)
Schwelle für nach aussen öffnende Tür

Title (fr)
Seuil pour porte s'ouvrant vers l'extérieur

Publication
EP 1516992 A3 20060531 (EN)

Application
EP 04021669 A 20040913

Priority
CN 03279795 U 20030919

Abstract (en)
[origin: EP1516992A2] A doorsill structure for out-swinging hinged door having excellent waterproof effect formed at least by a doorsill seat (20), and a rain shielding plate (30) fixed by a snap-in connecting method without using any fastening part. The doorsill structure of the invention is equipped with a soft packing strip (50) through which a tight contact between the door surface of an out-swinging hinged door (60) and the doorsill structure is achieved when the door is closed. Since the doorsill seat (20) of the invention is higher than the bottom edge of the out-swinging hinged door (60), the doorsill structure of the invention functions like a protecting wall for shielding the winds and for preventing the water from seeping into the room.

IPC 8 full level
E06B 1/70 (2006.01)

CPC (source: EP)
E06B 1/70 (2013.01)

Citation (search report)

- [Y] US 5553419 A 19960910 - JENKINS II THOMAS E [US]
- [Y] US 4716683 A 19880105 - MINTER MEARL J [US]
- [A] US 4207707 A 19800617 - HOLDIMAN JOSEPH W [US], et al
- [A] FR 2832754 A1 20030530 - REHAU SA [FR]
- [A] US 6125605 A 20001003 - YOUNG ROBERT H [US]

Cited by
DE102008015725A1; CN108412368A; CN113942408A; EP3748115A1; DE102019114933A1; WO2013072911A1

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