

A bearing arrangement for a roller crusher having a pair of crushing rollers (R), each one including a shaft (10) having end portions (11), mounted in respective bearing housings (40) carried on a base structure (S) of the crusher, and a median hub portion (12). The bearing housings (40) of each roller (R) are affixed to a structural frame (50) disposed externally to each roller (R), along one side of the respective roller (R), the structural frame (50) maintaining the bearing housings (40) of each roller (R) rigidly connected to each other. Each bearing housing (40) includes: a base portion (41) affixed to the structural frame (50) and a cover portion (42) turned to the other roller (R) and removably affixed to the base portion (41).